

The Mechanical-Chemical Pulping of Straw According
to the Aronovsky Method, by Czesław Pustelnik,
Jerzy Protekta.
POLISH, per, Prace Instytutu Celulozowo-Papierniczego.
Vol 6, No 1 (10), 1957, pp 16-30.
OTS 61-31270

Sci/Chem
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Calibration of the Askania Cs-11 Gravimeter by the
Use of Two Gravimetric Lines, by Tadeusz Chojnicki.

POLISH, per, Prace Instytutu Geodezji i Kartografii,
Vol. IX, No 2(20), 1962, pp 64-87.

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Sci - Earth Sci & Astron
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FOR OFFICIAL USE ONLY WITHIN
THE DEPARTMENT OF DEFENSE

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Research on the Relationship of the Development of
Detonation of Mining Explosives to the Diameter of Charge
by W. Cybulski.

POLISH, ⁶²~~PL~~, Prace Głównego Instytutu Górnictwa,
Wydawnictwo Górnictwo-Hutnicze, Seria A, Komunikat
nr 167, 1954, 32 pp.

*PL-480
OTS 63-11384

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Research on the Course of Propagation of Detonation of
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Cybulski.

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POLISH, ~~per~~, Prace Glownego Instytutu Gornictwa,
Wydawnictwo Gorniczo-Hutnicze, Seria A, Komunikat
Nr 169, 1955, 30 pp

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OTS 63-11384

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Experiments on the Underground Gasification of Coal in
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Dziunikowski.

POLISH, ^{Sci} per, Prace Glownego Instytutu Gornictwa,
Wydawnictwo Gornicze-Hutnicze, Seria A Komunikat
Nr 182, 1956, 15 pp.

*PL-480
OTS 63-11385

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Testing the Suitability of Coal Fines to Travelling
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POLISH, ~~per~~, Prace Głównego Instytutu Górnictwa,
Wydawnictwo Górnico-Hutnicze, Seria B Komunikat
Nr 206, 1958, 15 pp.

*PL-480
OTS 63-11385

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Problems of Coal Dust Explosibility in Dust
Conditions Corresponding to Belt-Conveyor Gates, by
W. Cybulski.

POLISH, ^{Jul.} ~~par~~, Prace Głównego Instytutu Górnictwa,
Wydawnictwo Górnictwo-Hutnicze, Seria A Komunikat
Nr 227, 1959, 12 pp.

*PL-480
OTS 63-11384

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Testing the Safety of Explosives ~~TOWARDS~~ Towards the
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POLISH, bk, Prace Glownego Instytutu Gornictwa,
Wydawnictwo Gorniczo-Hutnicze, Seria A, Komunikat Nr 228,
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*PL-480
OTS 63-11384

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Testing the Influence of Water Upon the Explodibility of
Coal Dust, by W. Cybulski.

POLISH, ^{Sci.} ~~Sci.~~, Prace Głównego Instytutu Górnictwa,
Wydawnictwo Górniczo-Hutnicze, Seria A, Komunikat
nr 231: 1959, 23 pp.

*PL-480
OTS 63-11384

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Tests on the Suitability of Calcined Sulphide Ores
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POLISH, ¹⁹⁵⁹~~1958~~, Prace Glownego Instytutu Gornictwa,
Wydawnictwo Gorniczo-Hutnicze, Seria A Komunikat
nr 232, 1959, 20 pp.

*PL-480
OTS 63-11385

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Coking Properties of Macerals of Mumic Coals, by
Jan Ziolkowski.

POLISH, ^{PL}~~per~~, Prace Głównego Instytutu Górnictwa,
~~Wydawnictwo~~ Wydawnictwo Górniczno-Hutnicze, Seria A
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*PL-480
OTS 63-11385

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Tests on Safety of Permissible and Coalmining
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POLISH, ~~per~~, ~~Prace~~ Głównego Instytutu Górnictwa,
Wydawnictwo Górnicze-Hutnicze, Seria A, Komunikat
nr 245, 1960, 12 pp.

*PL-480
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K. Dziunikowski.

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Nr 246, 1960, 16 pp.

*PL-480
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Tests on the Effect of Water Mist and Stone Dust
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Explosion, by W. Cybulski.

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Nr 247, 1960, 16 pp.

*PL-480
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POLISH, ~~per~~, Prace Głównego Instytutu Górnictwa,
Wydawnictwo Górnictwo-Hutnicze, Seria A Komunikat
Nr 251:, 1960, 7 pp.

*PL 480
OTS 63-11384

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Spectrographic Method for Determination of Trace Amounts
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POLISH, ^{lit}~~per~~, Prace Glownego Instytutu Gornictwa,
Wydawnictwo Gornicze-Hutnicze, Seria B Komunikat
Nr 254: 1960, 8 pp.

*PL-480
OTS 63-11385

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Tests on the Influence of Fineness Degree of Coal
Dust on Safety of Explosives Towards the Coal Dust,
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POLISH, ~~per~~, Prace Głównego Instytutu Górnictwa,
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255, 1960, 15 pp.

*PL-480
OTS 63-11384

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Tests on Removal of Excessive Amount of Adherent
Moisture From Coal Washed With the Use of Chemicals,
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POLISH, ~~per~~, Prace Glownego Instytutu Gornictwa,
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Nr 258, 1960, 12 pp.

*PL-480
OTS 63-11385

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Research on Safety of Mining Explosives Towards the
Coal Dust in Rest and in Cloud, by W. Cybulski.

POLISH, ^{ll}~~per~~, Prace Głównego Instytutu Górnictwa,
Wydawnictwo Śląsk, Seria A, Komunikat Nr 197, 1957,
1957, 11 pp.

*PL-480
OTS 63-11384

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Atmospheric Dust Particle Size Distribution
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POLISH, per, Główny Instytut Górnictwa.
Raporty, No 2. 1961, pp 11-14.
CSIA-cr.823

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TESTING OF BITUMINOUS COAL BY PLASTOMETRIC
METHOD (Badania Węgli Kamiennych Metoda Plasto-
metryczna) tr. by K. Jurasz. 1962 [24]p. 10 refs.
PL-480 Int.

Order from OTS \$0.50

60-21280

Trans. of [Główny Instytut Górnictwa. Komunikat]
(Poland) 1967, no. 19, p. 1-19.

DESCRIPTORS: *Coal, Classification, Plasticity, Test
methods, Strain gages.

(Engineering--Chemical, TT, v. 8, no. 11)

60-21280

- I. Title: Elastometric method
1. Chorazy, M.
- II. Nadziakiewicz, J.
- III. Kozlowski, T.
- IV. PL-480 Int (60-21280)
- V. National Science Foundation,
Washington, D.C.

Office of Technical Services

Nadziakiewicz, Julian.

THE INFLUENCE OF MILD HYDROGENATION ON
COKING PROPERTIES OF SOME COALS OF THE
POLISH COAL BASIN (Wplyw Lagodnego Uwodorod-
niania na Przydatnosc Niektorych Wegli z Polskiego
Zaglebia Weglowego do Koksowania) tr. by
M. Wielopolska. 1961 (35p. 18 refs. PL-480 Int.
Order from OTS \$0.50 60-21299

Trans. of Główny Instytut Górnictwa. Komunikat]
(Poland) 1947, no. 20, p. 1-42.

DESCRIPTORS: *Coal, Hydrogenation, *Coke, Physi-
cal properties, Chemical properties, Poland.

Mild hydrogenation of coal tends to increase the car-
bon content in coal being hydrogenated. Simultaneously
with the increase in carbon, there occurs a decrease
in volatile matter content, which stops at the second
(Engineering-Chemical, TT, v. 7, no. 10) (over)

60-21299

- I. Nadziakiewicz, J.
- II. PL-480 Int (60-21299)
- III. National Science Foundation,
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Chorazy, M., Nadziakiewicz, J., and Kozlowski, T.
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POLISH COAL BASIN (Charakterystyka Węgli
Koksujących z Polskiego Zagłębia Węglowego) tr. by
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Order from OTS \$0.50 60-21266

Trans. of [Główny Instytut Górniczo. Komunikat]
(Poland) 1948, no. 29, p. 3-32.

DESCRIPTORS: *Coal, *Coke, Production, Quality con-
trol, Classification, Physical properties, Poland.

(Engineering--Chemical, TT, v. 7, no. 10)

60-21266

- I. Chorazy, M.
- II. Nadziakiewicz, J.
- III. Kozlowski, T.
- IV. PL-480 Int (60-21266)
- V. National Science Foundation,
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Mielecki, Tadeusz and Kadlubowska, Maria.
 INVESTIGATIONS OVER THE RATE OF SLIME
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 (Badania nad Szybkością Opadania Muli Węglowych w
 Zawiesinach Wodnych) tr. by K. Jurasz. 1961 [13]p.
 9 refs. PL-480 Int.
 Order from OTS \$0.50 60-21300

Trans. of [Główny Instytut Górnictwa. Komunikat]
 (Poland) 1949, no. 53, p. 1-9.

DESCRIPTORS: *Coal, Minerals, *Chemical waste,
 Water supplies, Water, Purification, Precipitation,
 *Additives, Electrolytes, Calcium compounds,
 Oxides, Milk, Starches, Effectiveness, Sewage.

We undertook to investigate slime of circulating and
 waste waters from washing plants at Upper-Silesian
 Coal Basin collieries either already equipped with
 washers, or planning to install new washing plants;
 and, further, to determine the additives most ap-
 (Engineering--Chemical, TT, v. 7, no. 10) (over)

60-21300

- I. Title: Slime
- I. Mielecki, T.
- II. Kadlubowska, M.
- III. PL-480 Int (60-21300)
- IV. National Science Foundation,
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Office of Technical Services

60-21353

Olpinaki, Wojciech and Gabrys, Pawet.
INVESTIGATION OF CERTAIN CONDITIONS FOR
DETERMINING THE IGNITION TEMPERATURE OF
SOLID FUELS (Badania Niektorych Warunkow Oznac-
zania Temperatury Zaplonu Paliw Stalych) tr. by
K. Jurasz. 1961 [15]p. 7 refs. PL-480 Int.
Order from OTS \$0.50 60-21353

Trans. of [Główny Instytut Górnictwa. Komunikat]
(Poland) 1949, no. 59, p. 1-15.

DESCRIPTORS: Solids, *Fuels, Coal, Coke, Ignition,
Temperature, Determination.

(Materials--Fuels, TT, v. 7, no. 10)

- I. Olpinaki, W.
- II. Gabrys, P.
- III. PL-480 Int (60-21353)
- IV. National Science Foundation,
Washington, D. C.

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Influence of Various Factors Upon the Yield of
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Semi-Carbonization of Coal, by Kazimierz Toknow,
12 pp.

POLISH, per, Prace Glownego Instytutu Gornictwa,
No 68, 1950, / 9077224
12 pp.

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Sci - Fuels
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POLISH, per, R Główny Inst Górniczo Prace,
No 69, 1950, pp 1-14.

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No 78, 1951, pp 1-4.

OTS 60-21288
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Sci - fuels

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Temperature of Initial Thermal Decomposition, by
Characteristic Features of Hand Coals, by John
H. Hollister, *Bull. Bur. Mines*, 26 pp.

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No 79, 1951, pp 1-16. 90945C1

UFS 60-21298
FD-460

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Influence of Carbonizing Conditions on the Yield and
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POLISH, per, Prace Głównego Instytutu Górnictwa,
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OTS 60-21365
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Sci - Chem, Min/Met

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Coals From the Walbrzych Basin, by Szymon Kahane,
Olgierd Młlaszewicz, 38 pp.

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No 93, 1951, pp 1-28. 9091960

0188 60-21275

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Sci - Min/Mot

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Influence of the Addition of Small Amounts of Organic
Liquid on the Bulk Density of the Coal Charge in
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OTS 60-21363
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C. Romer, Tampuch, 21 pp.

POLISH, par. Prace Glownego Instytutu Genezy, No 103, 1961, pp 1-12. 3894477

Q15 60-21356
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Dec 62

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Treatment of Some Components of Coal Tar. Recovery
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S. Nadzichuk, A. Kijowski, 14 pp.

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No 35, 1962, pp 1-10. 9094495

UIC 60-21701
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Sci - Engn.

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Some Applications of Semi-Coke Briquette, by
W. Lewandowski, J. Warmuzinski, 18 pp.

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OTS 60-21292
PL-480

Sci - Engr.

Jan 62

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OTS 65-21366
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Sci - Chem

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POLISH, par, Prace Głównego Instytutu
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OTS 60-21369
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Sci - Chem
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POLISH, per, Prace Głównego Instytutu Górniczego,
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19 pp.

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No 119, 1952, pp 1-12. 7091962

OTS 60-21277
PL-480

Sci - Engr., Min/Met

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The Electrostatic Enrichment of Coals, Part 11,
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POLISH, per, Prace Głównego Instytutu Górniczego,
No 121, 1952, pp 3-21. 9081626

OTS 60-21290
PL 480

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Sci - Chem

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Advantages of Installing Twin Collecting Mains
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J. Warmuzinski, H. Hoffman, 35 pp.

POLISH, per, Prace Glownego Instytutu
Gornictwa, No 123, 1952, pp 1-19. 90.6470

OTS 60-21303
PL-430

Sci - Engr
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Studies on Oxygen Groups in Bituminous Coal, by
Andrzej Innatowicz, 57 pp.

POLISH, per, Prace Głównego Instytutu Górnictwa,
No 125, 1952, pp 1-39.

OTS 60-21272
PL-480

Sci - Fuels

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An Apparatus for Rapid Determination of Moisture
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Kazimierz Tomkow, 13 pp.

POLISH, per, Prace Glownego Instytutu Gornictwa,
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OTS 60-21367
PL 480

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Sci - Chem

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Removing Salt From Brown Coal by the Ion
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24 pp.

POLISH, per, Prace Głównego Instytutu
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*TT 70-55024

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POLISH per, Główny Instytut Górnictwa, Komunikat,
No 134, 1953; No 159, 1954.

*PL-480

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A Study of the Internal Surface of Coals by the
Dye-Adsorption Method, by Maria Weclowska,
Sojciech Olpinaki, 39 pp.

POLISH, per, Prace Glownego Instytutu Górniczego,
No 136, Series B, 1953, pp 1-26. 9208366

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OTS-60-21371

Sci - Phys

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Influence of Various Factors on the Quality of Brown
Coal Briquets and Semi-Coke From Colliery "A", by
Jacek Jenczur, Stefan Rosinski, 20 pp.

POLISH, per, Prace Glownego Instytutu Gornictwa,
No 137, 1953, 15 pp. 9077227

OTS 60-21268

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High Fuel

High Fuel

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The Influence of Sino Communist of Coal on the
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No 133, 1977, 12 pp. ~~SECRET~~

OTIS 60-21360
PL-490

Sci - Migr.

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Spontaneous Ignition of Bituminous Coal, by
W. Olpinski, P. Gabrys, 69 pp.

POLISH, per, Prace (Warszawa Instytutu Górniczego,
No 139, 1953, pp 1-38. 9091955

ONS 60-21354
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Sci - Chem

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Battaglia, Andrzej.
STUDIES ON HYDROCYCLONES (PRINCIPLES OF
OPERATION, DESIGN AND APPLICATION) (Badania
nad Hydrocyklonami. Działanie, Konstrukcja i
Zastosowanie) tr. by D. Brzostowska. 1961, 52p.
19 refs. PL-480 Int.
Order from OTS \$0.50

60-21264

Trans. of Główny Instytut Górnictwa. [Komunikat]
(Poland) 1953, no. 144, 23p.

DESCRIPTORS: *Towers (Chemistry), Design, Opera-
tion, Tests.

(Engineering--Chemical, TT, v. 7, no. 7)

60-21264

- I. Title: Hydrocyclones
- I. Battaglia, A.
- II. PL-480 Int (60-21264)
- III. National Science Foundation,
Washington, D. C

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Chemical Properties and Classification of
Polish Flame Coals, by B. Roga and A.
Ihnatowics.

POLISH, per, Prace Głównego Inst Gornictwa,
Seria, No 142, 1954, pp 3-10.

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Sci

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Types of Polish Coals in the Light of Modern
Views on the Structure of Coal, by G. Roga,

POLISH, per, Prace Glownego Inst Gornictwa,
Ser B, No 152, 1954, pp 2-16.

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Aug 58

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The Swelling of Coal and Its Structure: the Role of
Hydrogen Bonds, by Roman Pampuch, 20 pp.

POLISH, per, Prace Glownego Instytutu Chemii,
No 153, 1954, pp 1-16. 9691952

OTS 60-21357

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Sci - Chem

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Development of a Method for Determining the Porosity
and Fissuration of Coke, by Maria Weclewaka,
Stanislawa Heilpern, 25 p.

POLISH, per, Prace Glownego Instytutu Gornictwa,
No 156, 1954, pp 1-10. 3037245

(OTS 60-2130)
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Sci - Fuels

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Characteristics of Low-Temperature Tars From Some
Polish Bituminous and Brown Coals, by Elazej Roga,
Maria Ihnatowicz, 38 pp.

POLISH, per, Prace Głównego Instytutu Górniczego,
Ser B., No 161, 1954, pp 1-16. 9091950

OTS 60-21361
PL-480

Sci - Chem

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Problems of the Coking Process, by J. Nadziakiewicz,
54 pp.
POLISH, per, Prace Glownego Instytutu Gornictwa,
No 162, 1954, pp 3-20.
OTS 61-11351 + 59-18366
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Spectrophotometric Analysis of Bituminous Coal Ash,
by Maria Weclawska, 36 pp.

POLISH, per, Prace Głównego Instytutu Górniczego,
No 163, 1954, pp 1-15. 9087244

OTS 60-21370
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Sci - Fuels

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A Method of Assessing the Suitability of
Coal for Travelling-Grate Stokers,
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OTS 60-21359
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Sci - Engr
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Problem of Producing Metallurgical Coke from
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J. Radziakiewicz.

POLISH, per, Prace Glownego Instytutu Gornictwa,
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UKSM T-1628

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Differential Thermal Analysis of Bituminous and
Brown Coals, by Roman Pampuch, Hlasek Roga, 21 pp.

POLISH, per, Prace Glownego Instytutu Gornictwa,
No 133, 1956, pp 1-15. 9094495

ONS 60-21353
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Sci - Chem

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Experiments on the Underground Gasification of Coal in
a Laboratory Surface Gas Generator, by Kazimierz
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POLISH, per, Główny Instytut Górniczy. Komunikat,
No 12, Ser A, 1954, 15 pp.

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The Weathering of Coal, by B. Roga, R. Fampuch.

POLISH, per, Prace Glownego Inst Gornictwa, No
189, Series B, 1956, pp 1-10.

JPRS/DC-226

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Testing the Suitability of Coal Fines to Travelling
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*PL-400

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Jul 55

Tests on the Mild Oxidation of Bituminous
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POLISH, per, Prace Glownego Instytutu Gornictwa,
No 208, 1950, p 6.

Sci - fuels

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