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THE QUESTION OF A AgBr STRUCTURAL CHANGE
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ZfP 63, 13p. 14 refs.
Order from SLA \$1.60

63-14054

Trans. of Zeitschrift für Physik (West Germany) 1956,
v. 146, p. 505-514.

DESCRIPTORS: *Photographic images, *Silver com-
pounds, *Bromides, Crystal lattices, *Photographic
chemicals, Photographic film, X-ray photography,
Photography, Photographic emulsions

In the present work, a search is made with monochro-
matic X rays for signs of a B 3 structure in Debye-
Scherrer diagrams. Photographic films that were
moved along through the primary beam to avoid greater
exposure to the X rays during the Debye exposures
were used as the sample. In each case, photographs
(Materials--Photographic, TT, v. 10, no. 4) (over)

63-14054

I. Waldelich, W.

Office of Technical Services

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RELATIONSHIP BETWEEN THE STRUCTURE OF SILVER BROMIDE GRAINS AND THE SENSITIVITY OF PHOTOGRAPHIC EMULSIONS. [1962] 21p. (refs. omitted).

Order from SLA \$2.60

62-16692

Trans. of Zeitschrift für Angewandte Physik (West Germany) 1958, v. 10, [no. 11] p. 525-531.

DESCRIPTORS: *Photographic emulsion, *Photographic paper, *Photographic film, *Silver compounds, *Bromides, *Crystal structure, X-ray spectroscopy, Sensitivity

By precision measurements of the half-value width of Debye-Scherrer lines of photographic emulsion grains, the sizes of the coherent grid ranges were determined. There is a relation between the size of coherent ranges and sensitivity. The higher the sensitivity is, the (Materials--Photographic, TT, v. 8, no. 7) (over)

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Wainer, Eugene.
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Order from OTS or SLA \$1.60

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b, internat. cl. G 03 c. filed 15 Jan 60, appl. pub.
9 Aug 62, by Horizons, Cleveland (USA) (priority:
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DESCRIPTORS: Preparation, Light, Sensitivity,
Materials, *Photographic images, Plastics, Amines,
Dyes, Halogen compounds, *Photographic chemicals.

(Materials--Photographic, TT, v. 10, no. 4)

63-10263

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DESCRIPTORS: *Internal combustion engines, Con-
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- I. Wajand, A.
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 File 157-1000-040 1968 (1968)

m. Wajnryb

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Masao Wakae

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Synthesis of p-Xylylene Dichloride, by M. Wakae and K. Konishi.
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Sci - Min/met, Chem
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PROCESS FOR MANUFACTURING ALDEHYDES BY
OXO-REACTION. Mar 64, 14p 1ref
Order from SA \$22.00 SA Code-P-268

Trans. of published Japanese patent 18466/1962,
J. 16-B-51 (16-B-013) appl. 12447/1958, 6 May 58,
pub. 4 Dec 62, by Aji-no-moto Co., Ltd. (Abstract
available)

DESCRIPTORS: *Aldehydes, Manufacturing methods,
*Oxo process, *Catalysts, *Cobalt, Carbon compounds,
Monoxides.

The invention relates to a process for manufacturing
aldehydes by oxo-reaction which is characterized in
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