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DESCRIPTORS: *Railroad tracks, *Welding, Manu-
facturing methods, Railroads.

I. Albrekht, V. A.
II. Pershin, S. P.
III. Shulga, V. A.

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(Machinery--Transport, TT, v. 10, no. 6)

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DESCRIPTORS: *Vinyl plastics, *Halocarbon plastics,
Vinyl radicals, Polymers, Mechanical properties,
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- I. Alceste, B.
- II. Patent (Italy) 612 116
- III. ATS-04Q73I
- IV. Associated Technical
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SYNTHESIS OF 8, 9-DIHYDRO-INDENE FROM
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omitted) 5 refs.

Order from SLA \$1. 10

63-14027

Trans. of Chem[ische] Ber[ichte] (West Germany) 1954,
v. 87, p. 1916-1922.

DESCRIPTORS: *Indene, *Pentadienes, *Cyclopenta-
diene, Synthesis.

Dicyclopentadiene is converted by means of selenium
dioxide in the presence of acetaldehyde into an acetoxy
compound. The alcohol obtained by its saponification
gives, upon oxidation, a ketone which, subjected to
pyrolysis, suffers a retro-diene decomposition. In the
recombination of the split parts, there is a generation
of CO with the formation of 8,9-dihydroindene as main
product and 8,9-dihydro-indene-on-(3) as byproduct.
(Author)

63-14027

1. Title: Dicyclopentadiene

2. Title: Indene

I. Alder, K.

II. Flock, F. H.

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(Chemistry--Organic, TT, v. 10,
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pp 449-455.
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SLA R-2333

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gr. 10:03 1 3934 XII/39s, by International Latex
Processes Limited (Gt. Brit.) pat. from 15 Jun 39,
appl. pub. 24 Dec 52, granting pub. 1 Oct 53 issued
8 Nov 53 (priority of appl. U. S. A. 15 Jun 38).
(Abstract available)

DESCRIPTORS: *Rubber, *Fibers, Textile industry.

The object of the invention is the creation of an im-
proved process and an improved device for the produc-
tion of a multi-thread rubber thread, by the grouping
or combining of a plurality rubber latex threads in the
adhesive state in such manner that the desired cross
(Materials--Rubber, TT, v. 11, no. 4) (over)

I. Aldrich, L. D.
II. Patent (Germany) 896 106

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BISI 3948

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LANGUAGE UNKNOWN, rpt.

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G. Alefeld

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SIA 60-14557

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IN THE INFRARED SPECTRUM. [1961] [23]p.
Order from SLA m\$2.70, ph\$4.80 61-14470

Trans. of Silicates Industriels (Belgium) 1958 [v. 23]
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Diffuse reflection of silicon-aluminum refractories was studied in the infrared spectrum between the visible and 12 microns. The study was made in the cold and in the neighborhood of 1000°C. In general these refractories present beyond 3 microns a zone of weak reflection. They are therefore particularly absorbent of certain selective flames, like those of town gas. The chemical nature of the refractory reveals itself especially by the reflection bands situated at 9 microns for silica and at 11 microns for alumina. (Author)

(Materials--Refractories, TT, v. 5, no. 12)

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Org. 54-809-64 C.41-44918; CNRS-G/R-4845.
Order from CNRS as G/R-4845

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Order from SLA: \$1.60 as TT-65-13885

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Novi, V. A. Taratuta. UNCL

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