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DESCRIPTORS: \*Diseases, \*Lungs, \*Tuberculosis,  
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[Nov 63] 1800 words 8 refs  
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CTS  
(Chem)-351

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DESCRIPTORS: \*Elastomers, \*Polyethylene plastics,  
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polymers, \*Styrene plastics, Copolymerization,  
Mechanical properties, Elasticity, Sound transmission.

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(Materials--Elastomers, TT, v. 11, no. 5) (over)

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JPRS 13058

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JPRS 7140

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Trans. of [Archiv der Elektrischen Übertragung] (West  
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DESCRIPTORS: \*Microwave equipment, \*Waveguides,  
Scattering, Field theory.

Under the condition that losses are absent, the paper  
derives statements concerning the magnitudes of the  
scattering matrix elements for the Y-circulator which  
has lately found many applications. A field-theoretical  
analysis is carried out for a waveguide Y-circulator  
under some simplifying assumptions. The circulator  
effect can accordingly be explained by interference of  
two rotary  $H_{110}$ -fields in the circular-cylindrical  
cavity. (Author)  
(Engineering--Electronic, TT, v. 11, no. 11)

TT-04-14034

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5 refs DTC-16.  
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DESCRIPTORS: \*Aluminum compounds, Oxides, Sin-  
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(Metallurgy--Light Metals, TT, v. 10, no. 10)

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- I. Buttinelli, D.
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NRC-69-16363-11B

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SLA 60-14098

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JPRS 8395

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