

DEFENSIVE PUBLICATION

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PUBLISHED MARCH 7, 1972

896 O.G. 17

T896,009 HIGH FRICTION ARTICLE BASED ON A POLYIMIDE RESIN

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**Continuation of application Ser. No. 711,487, Mar. 8,
1968, which is a continuation-in-part of abandoned
application Ser. No. 415,458, Dec. 2, 1964. This ap-
plication Oct. 19, 1970, Ser. No. 82,118**

Int. Cl. C08g 51/10, 51/12

U.S. Cl. 260—37 N

No Drawing. 18 Pages Specification

A molded article especially adapted for use as high-friction articles such as brake linings, is provided wherein the molded article is characterized by a co-efficient of friction of from 0.4 to 0.8 and a wear constant of at least 50, and consists of between about 20% and about 60% by weight of a linear aromatic polyimide resin, from between about 15% and about 50% by weight of a fibrous filler such as asbestos fibers, from between about 5% and about 20% of a metal such as copper in elongated form, from between about 2% and about 10% of an abrasive filler such as aluminum oxide in a silicon-containing dispersion wherein said abrasive is characterized by a hardness of at least about 8 on the Moh scale, and up to about 25% by weight of a siliceous glass.