

Title (en)  
IMPROVEMENTS IN OR RELATING TO FRICTION MATERIALS

Publication  
**EP 0000839 B1 19810805 (EN)**

Application  
**EP 78300258 A 19780808**

Priority  
GB 3345877 A 19770810

Abstract (en)  
[origin: EP0000839A1] Composition for a friction material e.g. for a brake pad, of the type containing a fibrous reinforcement, a binder and various additives. <??>The friction material contains no asbestos, but has properties comparable with asbestos-based materials. The composition contains a thermoset binder including a phenol-formaldehyde resin and making up 20 to 60% by volume of the material. Besides the resin the binder can also include a heat and chemical resistant rubber, but the phenol-formaldehyde resin makes up at least 10% by volume of the composition. <??>The composition includes a fibre-based reinforcement which makes up to 10 to 35% by volume of the material and consists of a mixture of steel fibres or glass fibres with one or more other non-asbestos inorganic reinforcing materials e.g. steel fibre and mica, or steel fibre and milled glass.

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**F16D 69/02**; **C08J 5/14**

IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
EP0415459A3; EP0050377A1; FR2639695A1; EP0180381A3; TR27256A; FR2423683A1; WO9205370A1; WO9309362A1; WO8908685A1; WO9222756A1; EP0035463B1

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