

Title (en)  
Explosion protection mat

Title (de)  
Sprengschutzmatte

Title (fr)  
Tapis de protection contre l'explosion

Publication  
**EP 0592821 B1 19961030 (DE)**

Application  
**EP 93114717 A 19930914**

Priority  
DE 4234369 A 19921012

Abstract (en)  
[origin: US5517894A] The invention relates to an explosion-proof mat for protecting structures that enclose occupant accommodations in vehicles. The mat has several layers of textile impact-resistant sheet saturated with impregnating material and conforming to the shape of the accommodation-enclosing structure. The impregnating material is flexible after curing. A rigid sheet of composite is embedded between two inner layers of the textile sheets.

IPC 1-7  
**F41H 5/04**

IPC 8 full level  
**B32B 3/12** (2006.01); **B32B 3/28** (2006.01); **F41H 5/04** (2006.01); **F41H 7/04** (2006.01); **F42D 5/05** (2006.01)

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**F41H 5/0457** (2013.01 - EP US); **F41H 5/0478** (2013.01 - EP US); **F41H 7/042** (2013.01 - EP US); **Y10S 428/911** (2013.01 - EP)

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AT BE CH DE DK ES FR GB GR IT LI NL SE

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**US 5517894 A 19960521**; AT E144826 T1 19961115; DE 4234369 C1 19940317; DE 59304354 D1 19961205; DK 0592821 T3 19970401; EP 0592821 A1 19940420; EP 0592821 B1 19961030; ES 2093897 T3 19970101; GR 3022176 T3 19970331; IL 107099 A0 19940731; IL 107099 A 19970318; JP H06201298 A 19940719

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**US 47496595 A 19950607**; AT 93114717 T 19930914; DE 4234369 A 19921012; DE 59304354 T 19930914; DK 93114717 T 19930914; EP 93114717 A 19930914; ES 93114717 T 19930914; GR 960403635 T 19961230; IL 10709993 A 19930923; JP 25458893 A 19931012