

Title (en)

UNDER CARPET HEAT SHIELD AND FLOOR PAN INSULATOR

Title (de)

UNTERFLURHITZESCHILD UND BODENISOLATOR

Title (fr)

ECRAN THERMIQUE SUB-TAPIS DE SOL ET ISOLANT POUR BAC DE PLANCHER

Publication

EP 1392547 A1 20040303 (EN)

Application

EP 02739433 A 20020528

Priority

- US 0216691 W 20020528
- US 29543201 P 20010601

Abstract (en)

[origin: WO02098707A1] An under carpet heat shield/floor pan insulator (10) is provided for a vehicle. The shield/insulator includes an acoustical and thermal insulating layer of polymer fiber (12) that shows no signs of any thickness increase, delamination, deterioration or any undesirable effect which may affect performance for at least 330 hours when maintained at a temperature of at least approximately 150 DEG C (302 DEG F). The shield/insulator may include a relatively high density, nonlaminated skin of polymer fiber (14) and/or one or more facing layers constructed from polymer material (16, 20).

IPC 1-7

B60R 13/08

IPC 8 full level

B60R 13/08 (2006.01); **B32B 5/02** (2006.01); **B32B 15/14** (2006.01); **D04H 13/00** (2006.01); **G10K 11/16** (2006.01); **G10K 11/162** (2006.01)

CPC (source: EP KR US)

B32B 5/02 (2013.01 - EP US); **B32B 15/14** (2013.01 - EP); **B60R 13/08** (2013.01 - KR); **D04H 1/4218** (2013.01 - EP); **D04H 1/425** (2013.01 - EP); **D04H 1/435** (2013.01 - EP); **G10K 11/162** (2013.01 - EP); **D04H 1/43835** (2020.05 - EP US)

Citation (search report)

See references of WO 02098707A1

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