

Title (en)
INSULATING MATERIAL

Title (de)
ISOLIERENDES MATERIAL

Title (fr)
MATERIAU ISOLANT

Publication
EP 1485528 A2 20041215 (EN)

Application
EP 03744608 A 20030228

Priority
• US 0306049 W 20030228
• US 9965902 A 20020315

Abstract (en)
[origin: WO03078714A2] An insulating material is constructed in weight percent from about 20-60% low melt bicomponent fiber, 10-40% high melt bicomponent fiber and 20-60% staple fiber. The material provides a unique combination of strength, acoustical insulating and even thermal insulating properties heretofore unavailable in the art.

IPC 1-7
D04H 1/00

IPC 8 full level
D04H 1/541 (2012.01); **D04H 5/06** (2006.01); **G10K 11/162** (2006.01); **B60R 13/08** (2006.01); **E04B 1/76** (2006.01)

CPC (source: EP KR US)
B60R 13/08 (2013.01 - KR); **D04H 1/42** (2013.01 - KR); **D04H 1/541** (2013.01 - KR); **D04H 5/06** (2013.01 - EP KR US); **E04B 1/74** (2013.01 - KR); **G10K 11/162** (2013.01 - EP KR US); **B60R 13/08** (2013.01 - EP US); **E04B 2001/7687** (2013.01 - EP KR US); **Y10T 442/633** (2015.04 - EP US); **Y10T 442/637** (2015.04 - EP US); **Y10T 442/638** (2015.04 - EP US); **Y10T 442/641** (2015.04 - EP US)

Citation (search report)
See references of WO 03078714A2

Cited by
US11666199B2; US11207863B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
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US 0306049 W 20030228; AU 2003216453 A 20030228; BR 0308064 A 20030228; CA 2478568 A 20030228; EP 03744608 A 20030228; JP 2003576697 A 20030228; KR 20047014506 A 20030228; MX PA04008914 A 20030228; US 9965902 A 20020315