

Title (en)

Moulded panel, method of production and use

Title (de)

Plattenförmiges Formteil, Verfahren zu seiner Herstellung und seine Verwendung

Title (fr)

Panneau formé, son procédé de fabrication et son application

Publication

**EP 1216820 B1 20060329 (DE)**

Application

**EP 01129256 A 20011212**

Priority

DE 10064890 A 20001223

Abstract (en)

[origin: JP2002254572A] PROBLEM TO BE SOLVED: To enhance the effect of a fire retardant existing in a molded article and thereby to improve the fire retardance of the molded article. SOLUTION: The present molded sheet has a number of core layers and further base layers, decorative layers and transparent layers disposed on the opposite sides of a core. The fire retardant is added to each sort of layer of the molded article. In detail, the distribution of the fire retardant is nonuniform across the thickness of the molded article, and the distribution can be selected herein from symmetric or asymmetric distribution with respect to the center of the thickness of the molded article.

IPC 8 full level

**B32B 21/02** (2006.01); **B32B 27/18** (2006.01); **B29C 43/20** (2006.01); **B44C 5/04** (2006.01); **C08K 3/16** (2006.01); **C08K 3/22** (2006.01); **C08K 3/38** (2006.01); **C08K 5/521** (2006.01); **C08L 97/02** (2006.01); **C08L 101/00** (2006.01); **E04B 1/94** (2006.01)

CPC (source: EP US)

**B44C 5/0461** (2013.01 - EP US); **B44C 5/0469** (2013.01 - EP US); **E04B 1/942** (2013.01 - EP US); **Y10T 428/24322** (2015.01 - EP US); **Y10T 428/24364** (2015.01 - EP US); **Y10T 428/24479** (2015.01 - EP US); **Y10T 428/24612** (2015.01 - EP US); **Y10T 428/24628** (2015.01 - EP US); **Y10T 428/24736** (2015.01 - EP US); **Y10T 428/24802** (2015.01 - EP US); **Y10T 428/24942** (2015.01 - EP US); **Y10T 428/2495** (2015.01 - EP US); **Y10T 428/24967** (2015.01 - EP US); **Y10T 428/249953** (2015.04 - EP US)

Cited by

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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**EP 1216820 A1 20020626**; **EP 1216820 B1 20060329**; AT E321656 T1 20060415; DE 10064890 A1 20020627; DE 50109368 D1 20060518; ES 2260149 T3 20061101; JP 2002254572 A 20020911; PT 1216820 E 20060731; US 2002150749 A1 20021017; US 6833174 B2 20041221

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**EP 01129256 A 20011212**; AT 01129256 T 20011212; DE 10064890 A 20001223; DE 50109368 T 20011212; ES 01129256 T 20011212; JP 2001389251 A 20011221; PT 01129256 T 20011212; US 1362501 A 20011211