

Title (en)
FILLING MATERIAL

Title (de)
FÜLLMATERIAL

Title (fr)
MATÉRIAU DE REMPLISSAGE

Publication
EP 1183115 A1 20020306 (DE)

Application
EP 00918561 A 20000414

Priority
• AT 0000091 W 20000414
• FR 9904844 A 19990416

Abstract (en)
[origin: US2001016246A1] A filling material includes a web of sheet made of metal, in particular aluminum, or of dimensionally stable flexible material, especially plastic, with the sheet being perforated with evenly spaced slits extending parallel in longitudinal direction of the band and stretched transversely to the longitudinal extension, and with the sheet profiled transversely to the longitudinal extension.

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B21D 31/04; **B21D 13/04**

IPC 8 full level
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CPC (source: EP US)
B21D 31/04 (2013.01 - EP US); **Y10T 29/18** (2015.01 - EP US); **Y10T 29/185** (2015.01 - EP US); **Y10T 428/24273** (2015.01 - EP US); **Y10T 428/24669** (2015.01 - EP US)

Citation (search report)
See references of WO 0062954A1

Cited by
US11654469B2; WO2018185505A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 2001016246 A1 20010823; **US 6609279 B2 20030826**; AT E238113 T1 20030515; AU 3945400 A 20001102; DE 50001878 D1 20030528; EP 1183115 A1 20020306; EP 1183115 B1 20030423; ES 2198298 T3 20040201; FR 2792231 A1 20001020; FR 2792231 B1 20010615; WO 0062954 A1 20001026

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US 82567901 A 20010404; AT 0000091 W 20000414; AT 00918561 T 20000414; AU 3945400 A 20000414; DE 50001878 T 20000414; EP 00918561 A 20000414; ES 00918561 T 20000414; FR 9904844 A 19990416