

Title (en)
MINERAL FIBRE BATTS AND THEIR PRODUCTION

Title (de)
GLASFASERMATTEN UND IHRE HERSTELLUNG

Title (fr)
MATELAS DE FIBRES MINERALES ET LEUR PRODUCTION

Publication
EP 1456444 B2 20140101 (EN)

Application
EP 02805344 A 20021220

Priority

- EP 02805344 A 20021220
- EP 0214640 W 20021220
- EP 01310777 A 20011221

Abstract (en)
[origin: WO03054264A1] A dual density mineral fibre batt is made by splitting a web (1) into upper and lower sub-webs (5 and 6) and then subjecting both sub-webs independently to treatments selected from lengthwise compression, lengthwise stretching and thickness compression and then re-joining the sub-webs. The lower layer of a novel dual density batt has Tau and Kappa values (determined by Fourier Transformation of scanned images of thickness cross sections X and Y in the lengthwise production direction and transverse to this) in which KX is usually greater than Ky and greater than 2.5 and TX is usually greater than Ty.

IPC 8 full level
D04H 1/00 (2006.01); **D04H 1/4218** (2012.01); **D04H 1/44** (2006.01); **D04H 1/70** (2012.01); **D04H 1/736** (2012.01); **D04H 1/74** (2006.01); **D04H 13/00** (2006.01)

CPC (source: EP)
D04H 1/4218 (2013.01); **D04H 1/4226** (2013.01); **D04H 1/44** (2013.01); **D04H 1/732** (2013.01); **D04H 1/736** (2013.01); **D04H 1/74** (2013.01)

Citation (opposition)
Opponent :

- WO 9736035 A1 19971002 - ROCKWOOL INT [DK], et al
- WO 8800265 A1 19880114 - ROCKWOOL INT [DK]
- US 2001006716 A1 20010705 - BRANDT KIM [DK], et al
- EP 0600106 A1 19940608 - LAWTON C A CO [US]
- WO 9416162 A1 19940721 - ROCKWOOL INT [DK], et al
- WO 9947766 A1 19990923 - ROCKWOOL INT [DK], et al
- JP H09158100 A 19970617 - DAIKEN TRADE & INDUSTRY

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US2013295813A1; EP2886522A1; WO2012076462A1; WO2012010694A1

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

DOCDB simple family (publication)
WO 03054264 A1 20030703; AT E448345 T1 20091115; AU 2002356778 A1 20030709; DE 60234383 D1 20091224; DK 1456444 T3 20100301; DK 1456444 T4 20140303; EP 1456444 A1 20040915; EP 1456444 B1 20091111; EP 1456444 B2 20140101; ES 2334776 T3 20100316; ES 2334776 T5 20140306; PL 200843 B1 20090227; PL 370360 A1 20050516; PT 1456444 E 20100115; SI 1456444 T1 20100331; SI 1456444 T2 20140430

DOCDB simple family (application)
EP 0214640 W 20021220; AT 02805344 T 20021220; AU 2002356778 A 20021220; DE 60234383 T 20021220; DK 02805344 T 20021220; EP 02805344 A 20021220; ES 02805344 T 20021220; PL 37036002 A 20021220; PT 02805344 T 20021220; SI 200230881 T 20021220