

Title (en)

Manufacture of a mineral fibre web with substantially upright fibres

Title (de)

Herstellung einer Mineralfaserbahn mit weitgehend aufrecht stehenden Mineralfasern

Title (fr)

Fabrication d' une nappe isolante en fibres minérales dont les fibres sont essentiellement droites

Publication

EP 1616985 A1 20060118 (DE)

Application

EP 05013543 A 20050623

Priority

- DE 102004033569 A 20040709
- DE 102005026656 A 20050609

Abstract (en)

For the production of a mineral fiber web, for thermal and/or acoustic insulation applications, the web (20) with a setting bonding agent has two surfaces (22,24) with the fibers overwhelmingly aligned in the production direction (26). The web is folded into serpentine pleats and one edge is cut parallel to one of the surfaces so that the mineral fibers are aligned at right angles to the newly-formed secondary surface, and the severed edges (50,52) are separated before the compressed web enters the kiln (62) where the bonding agent is hardened.

IPC 8 full level

D04H 1/74 (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4226** (2012.01); **D04H 1/64** (2012.01); **E04B 1/76** (2006.01)

CPC (source: EP)

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Citation (search report)

- [XY] EP 1106743 A2 20010613 - ROCKWOOL MINERALWOLLE [DE]
- [DY] EP 0741827 A1 19961113 - ROCKWOOL INT [DK]
- [A] WO 9701006 A1 19970109 - ROCKWOOL INT [DK], et al
- [A] WO 8800265 A1 19880114 - ROCKWOOL INT [DK]

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EP1743970A1; CN105363349A; FR2920025A1; CN114340858A; GB2450803A; GB2450803B; US7964049B2; WO2010029587A1

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