

Title (en)
A mineral fiber-insulated plate

Title (de)
Isolierplatte aus Mineralfasern

Title (fr)
Couche isolante de fibres minérales

Publication
EP 0931886 B1 20090107 (EN)

Application
EP 99106353 A 19940114

Priority
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• EP 94904593 A 19940114

Abstract (en)
[origin: WO9416163A1] A method of producing a mineral fiber-insulating web comprises the steps of firstly producing a first non-woven mineral fiber web. The first web contains mineral fibers arranged in the longitudinal direction. Secondly, the first web is moved in the longitudinal direction and folded parallel with the longitudinal direction and perpendicular to the transversal direction of the first web, so as to produce a second mineral fiber web comprising a central body and opposite surface layers sandwiching the central body, which central body contains mineral fibers arranged generally perpendicular to the longitudinal and transversal directions of the second web and which surface layers contain mineral fibers arranged generally in the transversal direction of the second web. Thirdly, a third non-woven mineral fiber web of a high compactness as compared to the second web is produced and adjoined in facial contact with the second web.

IPC 8 full level
E04B 1/78 (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/4226** (2012.01); **D04H 1/593** (2012.01); **D04H 1/645** (2012.01); **D04H 1/70** (2012.01); **D04H 1/732** (2012.01); **D04H 1/736** (2012.01); **D04H 1/74** (2006.01); **D04H 13/00** (2006.01); **E04B 1/76** (2006.01); **E04C 2/16** (2006.01)

CPC (source: EP)
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Cited by
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