

Title (en)
Insulating product and its manufacturing process

Title (de)
Dämmstoffprodukt und Verfahren zu seiner Herstellung

Title (fr)
Produit d'isolation et son procédé de fabrication

Publication
EP 1655399 A1 20060510 (DE)

Application
EP 05014402 A 20050702

Priority
DE 102004049063 A 20041008

Abstract (en)
A novel insulating product (A) of mineral fibers, in the form of a sheet (specifically a windable sheet) or board, comprises superimposed primary non-woven layers between the main surfaces, with the fibers mainly oriented in the direction of the main surfaces of (A). An independent claim is included for a method for producing an insulating product from mineral fibers, involving: (1) forming separate mineral fibers from a melt; (2) forming a primary non-woven from the fibers; (3) longitudinally compressing, so that a significant proportion of the fibers within the primary non-woven are oriented in the direction of the main surfaces; (4) forming a secondary non-woven, in which layers of the primary non-woven are superimposed; and (5) further processing the secondary non-woven to give the insulating product.

IPC 8 full level
D04H 1/74 (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/4226** (2012.01); **D04H 13/00** (2006.01)

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Citation (applicant)
• CH 620861 A5 19801231 - FLUMROC AG
• DE 3832773 C2 19960822 - HERAKLITH HOLDING AG [AT]

Citation (search report)
• [X] DE 3136935 C1 19830414 - ROCKWOOL MINERALWOLLE
• [X] WO 9947764 A1 19990923 - ROCKWOOL INT [DK], et al
• [DA] CH 620861 A5 19801231 - FLUMROC AG
• [DA] DE 3832773 A1 19900329 - RADEX HERAKLITH [AT]

Designated contracting state (EPC)
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