

Title (en)

IMPROVEMENTS TO DEVICES FOR PRODUCING MINERAL FIBRES BY FREE CENTRIFUGING

Title (de)

VERBESSERUNG AN VORRICHTUNGEN ZUM HERSTELLEN VON MINERALFASERN MITTELS FREIER ZENTRIFUGATION

Title (fr)

PERFECTIONNEMENT AUX DISPOSITIFS DE FABRICATION DE FIBRES MINERALES PAR CENTRIFUGATION LIBRE

Publication

**EP 0810979 A1 19971210 (FR)**

Application

**EP 96942393 A 19961212**

Priority

- FR 9601989 W 19961212
- FR 9515365 A 19951222

Abstract (en)

[origin: WO9723421A1] A fiberizing rotor in a machine for producing mineral fibres by free centrifuging, comprising a rim on the outside of which the molten material to be fiberized into fibres is fed from a distribution rotor or another fiberizing rotor. Said rotor comprises an internal liquid circuit with liquid discharge ports on the rim, wherein the ports are located in the rim portion where said material is deposited. This arrangement of cooling ports enables the temperature of the support to be reduced in the hottest area thereof, whereby the corresponding temperature gradients are reduced. As the temperature gradients are reduced on the rim of the centrifuging rotors under the molten material being fiberized, the production conditions and thus the product quality (fibre length and delay in the loss of quality due to rotor wear), the stability of the conditions (compositions having, in particular, a narrow working range) or the wear of the equipment may be substantially improved.

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**C03B 37/05**

IPC 8 full level

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**C03B 37/055** (2013.01)

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DOCDB simple family (publication)

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