

Title (en)

AN INSULATING REFRACTORY TYPE MATERIAL AND A METHOD OF MAKING SUCH A MATERIAL

Title (de)

ISOLIERENDES FEUERFESTES MATERIAL UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN MATERIALS

Title (fr)

MATERIAU ISOLANT DE TYPE REFRACTAIRE ET TECHNIQUE DE FABRICATION

Publication

EP 0944559 A1 19990929 (EN)

Application

EP 97911368 A 19971110

Priority

- GB 9703077 W 19971110
- GB 9623459 A 19961109

Abstract (en)

[origin: GB2319247A] An insulating refractory type material comprises a crystalline relict of a structure which comprised one or more non-ceramic fibres selected from glass fibres and mineral fibres, one or more reactive additives, and a binder/flocculation system. The material is manufactured by a method comprising (1) mixing one or more non-ceramic fibres selected from glass fibres and mineral fibres in a suspension fluid with one or more reactive additives to produce a slurry; (2) flocculating the mixture with a binder/flocculation system comprising one or more components; (3) forming a shaped product by drawing the suspension fluid off through a shaping tool, (4) drying the shaped product; and (5) firing the shaped product to convert it into a crystalline relict.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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