

Title (en)

SIZE FOR PRODUCTION OF A BN-CONTAINING COATING, METHOD FOR PRODUCTION THEREOF COATED BODY PRODUCTION AND USE THEREOF

Title (de)

SCHLICHTE ZUR HERSTELLUNG EINER BN-HALTIGEN BESCHICHTUNG, VERFAHREN ZU DEREN HERSTELLUNG, BESCHICHTETER KÖRPER, DESSEN HERSTELLUNG UND DESSEN VERWENDUNG

Title (fr)

PRODUIT D'ENCOLLAGE POUR LA PRODUCTION D'UN REVÊTEMENT CONTENANT DU BN, SON PROCÉDÉ DE FABRICATION, CORPS REVÊTU, SA PRODUCTION ET SON UTILISATION

Publication

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Application

**EP 07801637 A 20070813**

Priority

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Abstract (en)

[origin: WO2008025448A1] The invention relates to an aqueous size for producing a BN-containing coating on a substrate, comprising, based on the solid content of the size, a) 45-90 wt.% BN, b) 3-25 wt.% boehmite nanoparticles, c) 0.5-5 wt.% of at least one borate, d) 2-30 wt.% of at least one water-insoluble boron compound different from a) and c) and e) 2-30 wt.% of an organic compound, the solid content of the size being 15-60 wt.%. Said size is suitable for producing self-sealing and hot -flexible coatings with exceptional suitability for foundry applications.

IPC 8 full level

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