

Title (en)
SURFACE-COATED MAGNESIUM HYDROXIDE

Title (de)
OBERFLÄCHENBESCHICHTETES MAGNESIUMHYDROXID

Title (fr)
HYDROXYDE DE MAGNESIUM A SURFACE RECOUVERTE

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Application
EP 02735208 A 20020402

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• EP 0203641 W 20020402
• EP 01108643 A 20010405

Abstract (en)
[origin: WO02081574A1] The invention relates to surface-coated magnesium hydroxides having a coating consisting of: (a) between 0.2 and 5 wt. % - in relation to the magnesium hydroxide - of at least one compound from the group consisting of (i) fatty acids containing between 8 and 30 carbon atoms, (ii) alkylsilanes having at least one alkyl group containing at least 3 carbon atoms, (iii) organic titanates, and (iv) organic zirconates; and (b) between 0.2 and 5 wt. % - in relation to the magnesium hydroxide - of an aminosilane. The inventive magnesium hydroxides are characterised by a reduced tendency to "effloresce" when used as flame retardant filling materials in polyamides.

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