

Title (en)

ADJUVANT FOR INCREASING THE SHORT-TERM MECHANICAL STRENGTH OF A HYDRAULIC COMPOSITION WITH A REDUCED CLINKER CONTENT

Title (de)

HILFSSTOFF ZUR ERHÖHUNG DER KURZFRISTIGEN MECHANISCHEN FESTIGKEIT EINER HYDRAULISCHEN ZUSAMMENSETZUNG MIT REDUZIERTEM KLINKERGEHALT

Title (fr)

ADJUVANT POUR AUGMENTER LES RÉSISTANCES MÉCANIQUES À COURT TERME D'UNE COMPOSITION HYDRAULIQUE À TENEUR RÉDUITE EN CLINKER

Publication

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Application

EP 22733034 A 20220609

Priority

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- EP 2022065652 W 20220609

Abstract (en)

[origin: CA3221121A1] The present invention relates to the use, for improving the mechanical strength of a hydraulic composition based on a cement composition comprising: - from 20 to 64% by weight of clinker, - from 5 to 60% by weight of activated clay, - from 0 to 35% by weight of limestone, - from 0 to 10% by weight of calcium sulfate, the proportions being relative to the dry weight of the cement composition, of from 0.2 to 5.0% by weight, relative to the dry weight of cement composition, preferably from 0.2 to 1.0% by weight, relative to the dry weight of cement composition, of at least one adjuvant comprising at least one alkali metal salt chosen from alkali metal formate, carbonate, chloride, hydroxide, oxalate, thiocyanate, silicate, sulfate or nitrate salts or a mixture thereof.

IPC 8 full level

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CPC (source: EP)

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C-Set (source: EP)

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FR 3123913 A1 20221216; AU 2022288128 A1 20231214; BR 112023025485 A2 20240227; CA 3221121 A1 20221215; CN 117529460 A 20240206; CO 2023016988 A2 20240125; EP 4352027 A1 20240417; MX 2023014649 A 20240131; WO 2022258737 A1 20221215; ZA 202311028 B 20240626

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