

Title (en)

Process for manufacturing fine cement/ultrafine binder suspensions

Title (de)

Verfahren zur Herstellung von Feinstzement-/Feinstbindemittelsuspensionen

Title (fr)

Procédé de fabrication de suspensions de ciment fin/liant ultrafin

Publication

EP 0768113 B1 20030402 (DE)

Application

EP 96114901 A 19960917

Priority

DE 19537874 A 19951011

Abstract (en)

[origin: EP0768113A1] Fine cement/fine binding agent suspensions are mfd. e.g. for filling cracks in cement by a method in which a quantity of water corresp. to a predetermined recipe is put in a storage container (1), from which it is pumped by a pump (2) to a mixer (3) operating according to the Venturi principle. The low pressure generated by the water flowing through the mixer draws fine cement/fine binding agent from a container (4) in to the flow to form a suspension, which passes to the storage container for recycling through the circuit, after stirring (5), at least once. When the required mixture has been produced, it is discharged (6). The storage container is equipped with heating or cooling device to maintain constant temp.

IPC 1-7

B01F 3/12; **B01F 5/04**; **B01F 5/10**; **B28C 5/02**

IPC 8 full level

B28C 5/06 (2006.01); **B01F 3/12** (2006.01); **B01F 5/04** (2006.01); **B01F 5/10** (2006.01); **B28C 5/02** (2006.01); **B28C 5/04** (2006.01); **B28C 5/08** (2006.01); **B28C 5/46** (2006.01)

IPC 8 main group level

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CPC (source: EP)

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Cited by

CN112430857A; CN111173286A; WO2012076675A3; WO2005000454A1; WO0162441A1; WO2013160562A1; US10010836B2; US9409133B2

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