

Title (en)

Pumping and mixing apparatus for powder and liquid materials and sytem for producing viscous materials for building purposes

Title (de)

Pump-und Mischvorrichtung für pulver-bzw. rieselförmige Medien sowie System zur Bereitstellung pastöser Medien für Bauzwecke

Title (fr)

Dispositif de pompage et de mélange pour des matériaux en poudre et liquides et système pour la production des matériaux pâteuses destinés à la construction

Publication

EP 1688176 A2 20060809 (DE)

Application

EP 06090022 A 20060203

Priority

DE 102005005394 A 20050203

Abstract (en)

The apparatus (1) has a supply device (3) for inserting into a storage container. A free end of the supply device flanged into the storage container. Part of the supply device has a housing (4) having a dosing chamber (6) with a mixing chamber (7). The supply device is connected to a mixer and connected to a water supply (9) for mixing a medium with water such that a paste is provided. A driver mixes the medium in the chamber which is then moved to an outlet (11) for further advancement. An independent claim is included for a system for producing viscous materials for building purposes.

IPC 8 full level

B28C 5/08 (2006.01); **B28C 5/12** (2006.01)

IPC 8 main group level

B01F 23/00 (2022.01)

CPC (source: EP)

B01F 23/53 (2022.01); **B01F 27/2123** (2022.01); **B01F 27/62** (2022.01); **B01F 27/70** (2022.01); **B01F 33/86** (2022.01); **B01F 35/71775** (2022.01); **B28C 5/0893** (2013.01); **B28C 5/1246** (2013.01); **B28C 5/1292** (2013.01); **B01F 27/0726** (2022.01); **B01F 33/501** (2022.01)

Citation (applicant)

- DE 202004010486 U1 20051110 - ALSECCO BAUCHEM PROD [DE]
- DE 10314146 A1 20040304 - ALSECCO BAUCHEM PROD [DE]
- DE 20213063 U1 20021024 - ALSECCO BAUCHEM PROD [DE]
- EP 1394070 A2 20040303 - ALSECCO BAUCHEM PROD [DE]
- EP 1445490 A2 20040811 - ALSECCO GMBH & CO KG [DE]

Cited by

EP4169851A1; CN111042536A; CN103072764A; EP1914056A3; RU2484000C1; EP2145840A1; EP2407396A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

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