

Title (en)

Method and device for dosing, mixing and applying a specific mortar.

Title (de)

Verfahren und Vorrichtung zum Dosieren, Mischen und Anbringen eines bestimmten Mörtels.

Title (fr)

Procédé et dispositif pour proportionner, mélanger et appliquer un mortier spécifique.

Publication

**EP 0482720 B1 19950719 (EN)**

Application

**EP 91202749 A 19911023**

Priority

NL 9002321 A 19901024

Abstract (en)

[origin: EP0482720A1] A method and device for dosing, mixing and applying a mortar suitable for pointing, bricklaying and/or floors and consisting of at least an adhering or binding agent such as a cement and a sand fraction in addition to water, in which method use is made of at least one silo (1) provided with compartments for each fraction, wherein the fractions are dosed volumetrically, the different volumes of fraction are mixed with water to a batch suitable for applying the mortar, whereas according to the invention the total weight of the fractions present in the dosing chambers is measured additionally during dosing, and using these readings as control signal for discharging the fractions out of the dosing chambers, so obtaining the correct rate of the different components for the mortar. <IMAGE>

IPC 1-7

**B28C 7/04**

IPC 8 full level

**B01F 15/02** (2006.01); **B28C 7/04** (2006.01)

CPC (source: EP)

**B01F 35/7141** (2022.01); **B28C 7/0404** (2013.01)

Citation (examination)

US 1378572 A 19210517 - STEVENS FREMONT C

Cited by

CN111851959A; CN112779842A; CN102848472A; CN113893782A; CN115106010A; WO0026477A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0482720 A1 19920429**; **EP 0482720 B1 19950719**; AT E125194 T1 19950815; AT E195899 T1 20000915; DE 69111368 D1 19950824; DE 69111368 T2 19960104; DE 69132393 D1 20001005; DK 0482720 T3 19950911; EP 0657261 A1 19950614; EP 0657261 B1 20000830; ES 2074649 T3 19950916; NL 9002321 A 19920518

DOCDB simple family (application)

**EP 91202749 A 19911023**; AT 91202749 T 19911023; AT 95200067 T 19911023; DE 69111368 T 19911023; DE 69132393 T 19911023; DK 91202749 T 19911023; EP 95200067 A 19911023; ES 91202749 T 19911023; NL 9002321 A 19901024