

Title (en)

MIXER FOR MAKING MORTAR CONSISTING OF GRANULAR BINDING AGENTS, IN PARTICULAR PLASTER

Publication

EP 0305707 A3 19901031 (DE)

Application

EP 88111388 A 19880715

Priority

- DE 3729233 A 19870902
- DE 8711865 U 19870902

Abstract (en)

[origin: US4995729A] A mixer for mortar has part of its water feed introduced between a rotating disk and the floor of the disk housing, this water being propelled outward through an annular constriction in the clearance between the disk and the housing so that the rotor is kept constantly pressured by the inflowing water. The rest of the water is introduced through inlets spaced in a ringlike arrangement in the housing cover so as to produce a continuous water film on the rotating disk, onto which the powdered plaster and any other additives are fed.

IPC 1-7

B28C 5/16

IPC 8 full level

B01F 25/74 (2022.01); **B01F 27/93** (2022.01); **B28C 5/16** (2006.01)

CPC (source: EP US)

B01F 25/743 (2022.01 - EP US); **B01F 25/85** (2022.01 - EP US); **B01F 27/93** (2022.01 - EP US); **B28C 5/166** (2013.01 - EP US); **B01F 23/50** (2022.01 - EP US); **B01F 2101/28** (2022.01 - EP US)

Citation (search report)

- [A] US 4329066 A 19820511 - IVARSON NEMO
- [A] FR 2345205 A1 19771021 - ESCHER WYSS SA [CH]
- [A] FR 1498761 A 19671020 - I C I SOCIETA AGRICOLA IND PER

Cited by

DE19830665A1; DE19830665C2; EP0972621A3; US6376558B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 4995729 A 19910226; AT E68398 T1 19911115; DE 3865603 D1 19911121; EP 0305707 A2 19890308; EP 0305707 A3 19901031; EP 0305707 B1 19911016; ES 2026972 T3 19920516; GR 3003341 T3 19930217

DOCDB simple family (application)

US 23534388 A 19880823; AT 88111388 T 19880715; DE 3865603 T 19880715; EP 88111388 A 19880715; ES 88111388 T 19880715; GR 910401960 T 19911213