

Title (en)
PLASTER PASTE MIXER

Title (de)
GIPSPASTENMISCHER

Title (fr)
MIXEUR POUR PATE DE PLATRE

Publication
EP 2525952 A1 20121128 (FR)

Application
EP 11706297 A 20110117

Priority
• FR 1000211 A 20100120
• FR 2011050074 W 20110117

Abstract (en)
[origin: WO2011089347A1] The present invention relates to an industrial mixer for plaster paste, said mixer including a stationary portion (1) that defines a mixing chamber (2) including: an upper portion (3) having at least one feed opening (4); a lower portion (5); and a side portion (6) having at least one outlet opening (7) that defines, on the side portion (6), two end points Pm and Pv within a plane that is parallel to the lower portion (5). The outlet opening (7) is located within the angular area formed by the center of the stationary portion (1) and by both points Pm and Pv, the angle oc of said sector being less than or equal to 90°. Said mixer is characterized in that it has a movable portion (8) having an axis of rotation (11) and placed inside the stationary portion (1), the movable portion (8) being smooth. Said mixer moreover has at least one outlet means that includes: at least one tubular element (9) that is oriented tangentially to the stationary portion (1) along an axis, the projection of which, within a plane perpendicular to the axis of rotation (11), is included within the area formed by the acute angle between the projections, within said perpendicular plane, of the two tangents to the side portion (6) that passes through the end points Pm and Pv; and at least one collecting element (15) that connects the outlet opening (7) of the side portion (6) to the tubular element (9).

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Citation (search report)
See references of WO 2011089347A1

Citation (examination)
US 2005219938 A1 20051006 - RIGAUDON MICHEL [FR], et al

Designated contracting state (EPC)
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