

Title (en)

DOUBLE AXIS MIXER FOR LIQUIDS IN A RECEPTACLE, PARTICULARLY FOR HOMOGENIZATION OF PAINTS

Title (de)

Doppelter Achsenmischer für Flüssigkeiten in einem Behälter, insbesondere für Homogenisation der Farben

Title (fr)

Double-axe mélangeur pour des liquides dans un réceptacle, en particulier pour l'homogénéisation des peintures

Publication

EP 1688178 A1 20060809 (EN)

Application

EP 05100713 A 20050202

Priority

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Abstract (en)

The present invention proposes a double axis mixing device which comprises a frame means with its upper (28) and lower (29) plates, the lower plate receiving a receptacle, the contents of which are subjected to homogenization, a triangular frame support means (11), a vertical support frame (12) connected to a shaft (14) and rotating an upper support means together with said upper and lower receptacle plates. The upper support means is connected to a series of clamping arms (24) by means of rotatable element (23) from which said clamping arms project radially. The tip portions of said clamping arms make contact with an elastic circular friction element (25), which extends along a circular trajectory of said clamping arms so as to induce a second rotation axis by way of their tip portions contacting said circular rubber element successively. Also an auto-centering and pressing device comprising a plurality of horizontal springs (30,31) along grooves (32,33) within said lower and upper plates are employed.

IPC 8 full level

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Citation (search report)

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