

Title (en)

MACHINE FOR PROCESSING MIXTURE-BASED COMPOUND PRODUCTS AND PROCESSING METHOD

Title (de)

MASCHINE ZUR VERARBEITUNG VON MISCHUNGSBASIERTEN VERBINDUNGSPRODUKTEN UND VERARBEITUNGSVERFAHREN

Title (fr)

MACHINE DE TRAITEMENT DE PRODUITS COMPOSITES À BASE DE MÉLANGES, ET PROCÉDÉ DE TRAITEMENT CORRESPONDANT

Publication

EP 3363531 A4 20190710 (EN)

Application

EP 16865828 A 20161116

Priority

- ES 201531683 A 20151120
- ES 2016070817 W 20161116

Abstract (en)

[origin: EP3363531A1] The invention relates to a machine for processing mixture-based compound products, and to a mixing method, the machine comprising distributor means (2) for distributing a liquid mixing ingredient, which means are linked to pressure dispenser means (5) that pour the ingredient at pressure, optionally mixing air, into a mixing recipient (6) that is situated outside of the circuits of the machine (1) and contains the rest of the ingredients to be mixed. The method comprises a step of mixing the ingredients, using at least one of the ingredients as a mechanical mixing means, said ingredient being projected at pressure into the rest of the ingredients in the mixing recipient (6) and, optionally, another step of mixing, in which air or another gas is projected at pressure into the mixture in the mixing recipient (6).

IPC 8 full level

B01F 25/90 (2022.01); **B01F 29/83** (2022.01); **B01F 33/40** (2022.01)

CPC (source: EP ES)

B01F 23/53 (2022.01 - EP); **B01F 27/05** (2022.01 - ES); **B01F 27/0542** (2022.01 - EP); **B01F 29/83** (2022.01 - EP); **B01F 33/402** (2022.01 - EP); **B01F 33/406** (2022.01 - EP); **B01F 35/7173** (2022.01 - EP); **B01F 35/90** (2022.01 - EP)

Citation (search report)

- [XA] US 8593634 B1 20131126 - IGARASHI LARRY Y [US]
- [X] WO 2006024962 A2 20060309 - HEUER SIGRID [DE]
- [X] US 2014355372 A1 20141204 - BLACK MELVIN L [US], et al
- [X] US 2126911 A 19380816 - MULLEN GEORGE W
- See also references of WO 2017085346A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3363531 A1 20180822; **EP 3363531 A4 20190710**; ES 2613303 A1 20170523; ES 2613303 B1 20180307; WO 2017085346 A1 20170526

DOCDB simple family (application)

EP 16865828 A 20161116; ES 201531683 A 20151120; ES 2016070817 W 20161116