

Title (en)

Automatic mixer for putty cartridge

Title (de)

Automatikmischer für Kartusche für Dichtstoff

Title (fr)

Mélangeur automatique pour cartouche de mastic

Publication

**EP 1994977 B1 20100127 (FR)**

Application

**EP 08290472 A 20080521**

Priority

FR 0703646 A 20070523

Abstract (en)

[origin: EP1994977A1] The mixer has a linear actuator (4) driving a movable armature (3), and a maintaining element (30) to maintain a body (11) of a mastic cartridge (1) for performing back and forth movement of the body. A threaded rod (42) has opposite hands cooperating with a threaded bushing (32) such that translation of the armature produced by the actuator drives contra-rotating movement of the rods. Free wheels (44) are integrated in rotation of the rods such that a hollow rod (12) equipped with an injection head and mixture is driven in same rotation direction by an intermediary plate (23) of the wheels.

IPC 8 full level

**B01F 7/16** (2006.01); **B01F 11/00** (2006.01); **B05C 17/00** (2006.01)

CPC (source: EP)

**B01F 27/88** (2022.01); **B01F 31/40** (2022.01); **B01F 31/443** (2022.01)

Cited by

CN110813164A; CN102151510A; CN108579528A; CN107433162A; WO2020038526A1; WO2020038525A1; US10894238B2; WO2019186446A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1994977 A1 20081126**; **EP 1994977 B1 20100127**; AT E456394 T1 20100215; DE 602008000604 D1 20100318; ES 2342036 T3 20100630; FR 2916365 A1 20081128; FR 2916365 B1 20090724

DOCDB simple family (application)

**EP 08290472 A 20080521**; AT 08290472 T 20080521; DE 602008000604 T 20080521; ES 08290472 T 20080521; FR 0703646 A 20070523