

Title (en)

Device for preparing a product such as concrete or mortar

Title (de)

Vorrichtung zur Herstellung von Produkten wie Beton oder Mörtel

Title (fr)

Dispositif de preparation d'un produit tel que du beton ou du mortier

Publication

**EP 1782934 A1 20070509 (FR)**

Application

**EP 06123346 A 20061102**

Priority

FR 0511306 A 20051107

Abstract (en)

The device has a mixing pen (12) with a mixer unit (14) driven in rotation by an engine (18). An electronic control unit (ECU) controls the engine and a hydraulic actuator (32). The control unit (ECU) comprises a time delay control that controls driving of the mixer unit for a predetermined mixing duration. The unit (ECU) has an actuation control that controls the passage of a trap door (30) in an evacuation configuration when the mixing duration is at end and a low level of a product e.g. concrete, in a receiving hopper (26) is detected.

IPC 8 full level

**B28C 7/00** (2006.01); **B01F 35/60** (2022.01)

CPC (source: EP)

**B28C 7/02** (2013.01); **B28C 7/028** (2013.01)

Citation (applicant)

FR 2843313 A1 20040213 - LANCY MIXJET [FR]

Citation (search report)

- [DY] FR 2843313 A1 20040213 - LANCY MIXJET [FR]
- [Y] US 2030747 A 19360211 - GARBER ERNEST C, et al
- [Y] PATENT ABSTRACTS OF JAPAN vol. 008, no. 046 (C - 212) 29 February 1984 (1984-02-29)

Cited by

BE1024916B1; EP3308866A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**EP 1782934 A1 20070509; EP 1782934 B1 20100818**; AT E477899 T1 20100915; DE 602006016211 D1 20100930; ES 2352210 T3 20110216; FR 2892967 A1 20070511; FR 2892967 B1 20080208

DOCDB simple family (application)

**EP 06123346 A 20061102**; AT 06123346 T 20061102; DE 602006016211 T 20061102; ES 06123346 T 20061102; FR 0511306 A 20051107