

Title (en)

Mixer drum and concrete mixer truck equipped with same

Title (de)

Mischertrommel und damit ausgerüsteter Fahrmischer

Title (fr)

Tambour de mélange et bétonnière portée en étant équipée

Publication

**EP 1950017 B1 20120711 (DE)**

Application

**EP 07001541 A 20070124**

Priority

EP 07001541 A 20070124

Abstract (en)

[origin: EP1950017A1] The mixer drum (5') has two drum end (10,11) that are provided with a filling in opening or a discharge opening (13). An extended mixer spiral (20') is provided in the direction of a longitudinal axis (A) of a drum housing (15). An individual spiral segment (30') of the mixer spiral is formed as plane circle sector section. The spiral segment or the wear protection is with plastic, particularly polyurethane. An independent claim is also included for a concrete mixer truck, which has a frame and a mixer drum.

IPC 8 full level

**B01F 9/06** (2006.01); **B01F 29/63** (2022.01); **B28C 5/18** (2006.01); **B28C 5/20** (2006.01); **B28C 5/42** (2006.01)

CPC (source: EP)

**B01F 29/4033** (2022.01); **B01F 29/63** (2022.01); **B28C 5/2054** (2013.01); **B28C 5/4268** (2013.01)

Cited by

WO2024013053A1; CN111571813A; CN112549307A; US8646965B2; WO2022131940A1; WO2013062839A1; DE102022117278A1

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

DOCDB simple family (publication)

**EP 1950017 A1 20080730**; **EP 1950017 B1 20120711**; SI 1950017 T1 20121130

DOCDB simple family (application)

**EP 07001541 A 20070124**; SI 200731034 T 20070124