

Title (en)

Vehicle mounted mixer for flowable media, such as concrete

Title (de)

Fahrzeugmischer für fließfähige Medien, wie Beton

Title (fr)

Mélangeur monté sur véhicule, pour mélanges aptes à couler, comme du béton

Publication

EP 0699511 B1 20010704 (DE)

Application

EP 95113597 A 19950830

Priority

DE 4431501 A 19940903

Abstract (en)

[origin: EP0699511A2] The drum (16) of the premixed concrete truck has bearings (26,28) near the inside ends to support a tube (24) on whose outer end is fitted the end seal and loading chute (42) to complete the drum. The tube and end seal are moved axially to open the drum for discharging the concrete. The seal is on a stepped profile (36) which slides into the open end of the drum and the pipe ducts water into the drum, via spaced slots (64) to moisten the dry concrete mix and for washing out the drum. The pipe is supported in the two mountings via bearing sleeves fitted over the pipe, and easily replaced when worn. The bearings are lubricated by part of the water flow through the pipe. The pipe and end fitting are removed in one piece for access.

IPC 1-7

B28C 5/42

IPC 8 full level

B60P 3/16 (2006.01); **B28C 5/42** (2006.01); **B28C 7/04** (2006.01); **B28C 7/06** (2006.01); **B28C 7/12** (2006.01)

CPC (source: EP US)

B28C 5/4231 (2013.01 - EP US); **B28C 5/4237** (2013.01 - EP US); **B28C 5/4262** (2013.01 - EP US); **B28C 5/4265** (2013.01 - EP US)

Cited by

CN107457900A; CN103223695A; CN101856989A; CN107344401A; WO2020248763A1

Designated contracting state (EPC)

DE FR IT NL

DOCDB simple family (publication)

EP 0699511 A2 19960306; **EP 0699511 A3 19960417**; **EP 0699511 B1 20010704**; CZ 222595 A3 19960313; CZ 287408 B6 20001115; DE 4431501 A1 19960307; DE 4431501 B4 20040916; DE 59509375 D1 20010809; US 5513911 A 19960507

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