

Title (en)
Cement-mixer truck

Title (de)
Transportbetonmischer

Title (fr)
Camion-bétonnière

Publication
EP 0721828 A3 19970205 (DE)

Application
EP 95120343 A 19951221

Priority
DE 9420611 U 19941223

Abstract (en)
[origin: EP0721828A2] The mouth at the rear end of the mixing drum (10), which rotates on the lorry chassis, is enclosed by a collar (11), against which a sealing cover (34) with loading funnel bears. The cover is movable clear of the collar in a guide, having a non-rotating central section (36) on the guide. The bearing (42) between the cover and the drum is of the ball- or roller-type, with the balls or rollers (48) working between grooved stationary (44) and rotary (46) races, all of these being of corrosion-resistant material. A drilling (64) in one of the races is connected to the gap (50) between them and which is enclosed between two flexible elastic sealing rings (56,58). The supporting ring (52) for this race contains a passage (68) connecting the drilling to a union (70) outside the bearing for a hose supplying water under pressure.

IPC 1-7
B28C 5/42

IPC 8 full level
B28C 5/42 (2006.01)

CPC (source: EP)
B28C 5/4262 (2013.01)

Citation (search report)
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• [A] US 2281820 A 19420505 - BALL CHARLES F
• [A] DE 3902535 A1 19900802 - RIKER RUDOLF ING GRAD [DE]
• [DA] US 2454940 A 19481130 - PETERS HARRY C
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• [X] DATABASE WPI Section PQ Week 9325, Derwent World Patents Index; Class P64, AN 93-203876, XP002001526

Cited by
CN110815575A; CN102310483A; US6957908B1; US10589238B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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