

Title (en)

System for making concrete floors.

Title (de)

Vorrichtung zum Herstellen von Betonbelägen.

Title (fr)

Dispositif pour la réalisation de sols en béton.

Publication

EP 0469687 A2 19920205 (EN)

Application

EP 91201978 A 19910730

Priority

NL 9001726 A 19900731

Abstract (en)

The invention relates to a floor leveling apparatus. According to the invention, it comprises a supporting frame (1), at least two cylindrical cage wheels (2,8) with a coarse-meshed circumferential surface (4), supported by the supporting frame (1), at least one of the cage wheels (2) being adapted to be driven in two directions, a control apparatus (12) acting on the cage wheels (2,8), two leveling cylinders (13,14) constructed as screw jacks and adapted to driven in rotational direction. The cylinders (13,14) are mounted, as viewed in the direction of travel, respectively, in front (13) of and behind (14) the cage wheels, and the terminal ends of each leveling cylinder (13,14) is mounted in supporting bars (15) which are continuously adjustable in vertical direction, relative to the supporting frame (1). The invention further relates to an apparatus for uniformly supplying concrete and distributing same over a surface, comprising a transport duct connectable to a concrete pump of a concrete mixer. According to the invention the apparatus comprises a concrete distributing vehicle (CD) equipped with a two-part concrete distributing tube (73,74) hingedly connected to the vehicle (C), the two members (73,74) of the tube being pivotally interconnected and the distributing tube being connectable to the transport hose, in which a pulsation damper is mounted. <IMAGE>

IPC 1-7

E04G 21/10

IPC 8 full level

E01C 19/40 (2006.01); **E04G 21/04** (2006.01); **E04G 21/10** (2006.01)

CPC (source: EP)

E01C 19/40 (2013.01); **E04G 21/04** (2013.01); **E04G 21/0436** (2013.01); **E04G 21/10** (2013.01)

Cited by

US6129480A; CN112160600A; EP1267000A3; KR100387987B1; EP0743408A1; BE1009417A3; CN103821368A; EP1357240A1; EP1325993A1; EP0838562A1; US6758500B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 0469687 A2 19920205; **EP 0469687 A3 19920401**; CA 2047446 A1 19920201; NL 9001726 A 19920217

DOCDB simple family (application)

EP 91201978 A 19910730; CA 2047446 A 19910719; NL 9001726 A 19900731