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01.04.92 Bulletin 92/14(71) Applicant: **BREDEL EXPLOITATIE B.V.**

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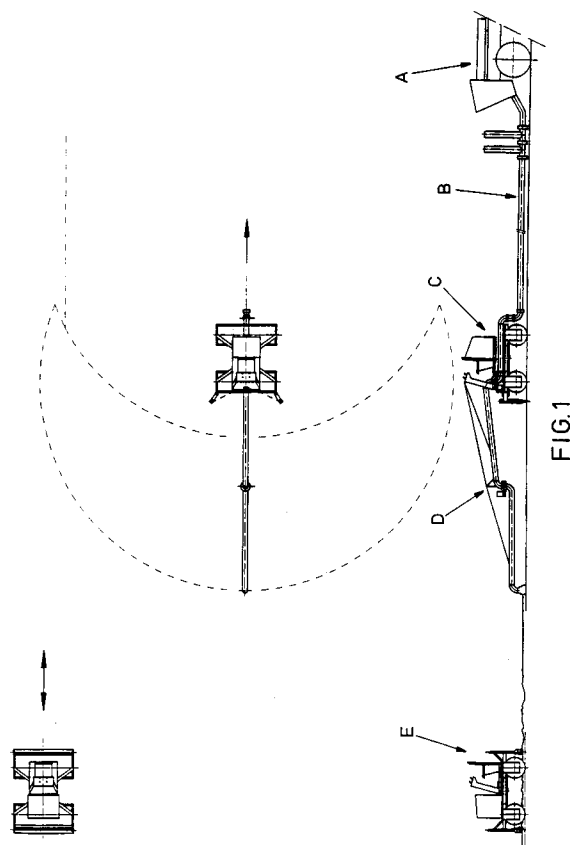
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(54) **System for making concrete floors.**

(57) 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 be 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 or 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.

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EUROPEAN SEARCH REPORT

Application Number

EP 91 20 1978

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	GB-A-1 020 691 (BESSE) ----		E 04 G 21/10
A	US-A-4 614 486 (BRAGAGNINI) ----		
A	US-A-4 913 584 (GARNER) ----		
A	GB-A-2 082 238 (JOHANSSON) ----		
A	WO-A-8 504 686 (ALVARSSON) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			E 04 G E 01 C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-10-1991	Examiner VIJVERMAN W.C.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claims:
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

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- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.

namely claims:

- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims,

namely claims: 1-4



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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1-4 : A floor leveling apparatus.
2. Claims 5-11 : A concrete supplying apparatus.