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(30) Priority: **18.05.2005 IT UD20050080**

(54) **Apparatus and method for the production of concrete, able to be used in a building site**

(57) Apparatus for the production of concrete, able to be installed advantageously in a building site and comprising a hopper (13) in which cement and inert materials are able to be loaded, and a mixer (20) with a horizontal axis, in turn comprising a mixing drum (21) inside which rotary mixing blades (22, 23) are present. The mixing drum (21) is provided with a loading aperture (30) and a discharge mouth (31). The mixing drum (21) is movable, by means of rotation with respect to its horizontal axis, between a loading position, in which both the loading aperture (30) and the discharge mouth (31) are disposed substantially above a horizontal plane passing through the horizontal axis, and a discharge position in which only the loading aperture remains above the horizontal plane.

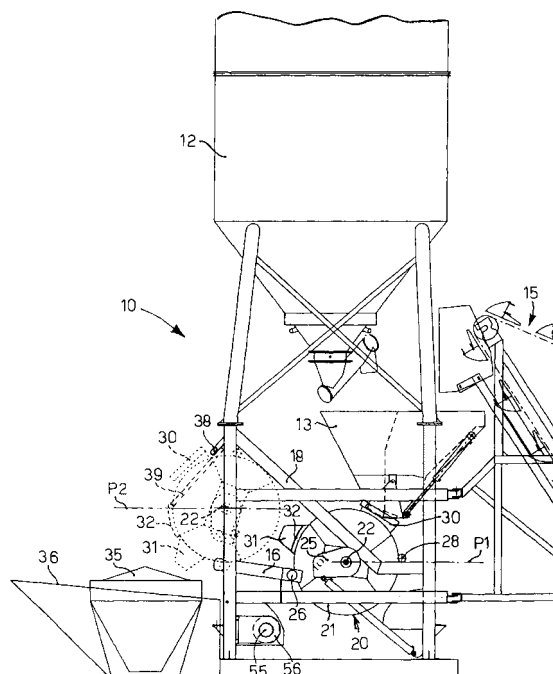


fig. 2



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 06 11 4070

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	DE 12 34 142 B (ELBA WERK MASCHINEN GMBH & CO; ETTLINGER BAUMASCHINEN UND HEB) 9 February 1967 (1967-02-09) * column 3, line 1 - column 4, line 4; claims 1,3; figures 1,2 *	1-9	INV. B28C9/00 B28C5/14 B01F15/02
Y	BE 692 943 A (PORTASILO LTD [GB]) 20 July 1967 (1967-07-20) * page 3, line 9 - page 6, line 5; figures *	1-9	
A	FR 1 475 995 A (ELBA-WERK ETTLINGER BAUMASCHINEN- UND HEBEZEUGFABRIK G. M. B. H) 7 April 1967 (1967-04-07) * page 2, column 1, line 20 - line 52 * * page 3, column 1, line 23 - page 4, column 1, line 17; figures 1,7-11 *	1-5,9	
A	US 2 737 315 A (ROSE JOHN E) 6 March 1956 (1956-03-06) * column 2, line 34 - column 3, line 11; figures 1-4 *	6-9	
A	US 2 138 172 A1 (JOHNSON CHARLES S) 29 November 1938 (1938-11-29) * page 2, column 1, line 71 - column 2, line 72; figures 1,2,5 * * page 3, column 1, line 13 - line 47 * * page 3, column 2, line 16 - line 47 *	10-12	B28C B01F
A	DE 552 050 C (PORTER WYNN YETT) 9 June 1932 (1932-06-09) * the whole document * * page 1, line 36 - page 2, line 40; figures 2,3 *	10,12	
A	JP 2002 127130 A (MATSUSHITA ELECTRIC WORKS LTD) 8 May 2002 (2002-05-08) * abstract; figures *	10,12	
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 21 February 2007	Examiner Orij, Jack
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	

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EPO FORM 1503 03.82 (P04C01)

**CLAIMS INCURRING FEES**

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

- ☐ Only part of the claims 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 claim(s):
- ☐ 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 requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ 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 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 invention first mentioned in the claims, namely claims:



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

1. claims: 1 (in part), 2-5,9

Apparatus for the production of concrete in which the mixer  
is movable between a loading position and a discharge  
position

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2. claims: 1 (in part), 6-8, 10-12

Apparatus and method for the production of concrete in which  
the hopper is divided internally into at least two  
compartments

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 06 11 4070

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

21-02-2007

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