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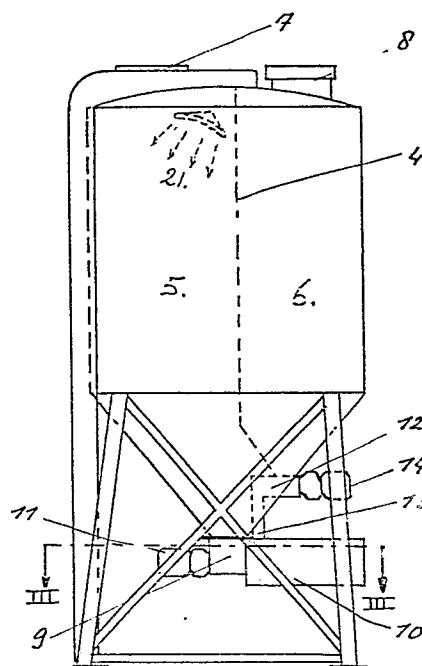
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54 Process and apparatus for the preparation of mortars.

57 A process and apparatus for the preparation of mortar from an aggregate and a binder is disclosed which comprises the use of a silo provided with at least one partition so as to create in the silo two or more compartments for the separate storage of the aggregate and the binder, the compartments being provided with conveyor screws, the speeds of which can be adjusted to control the volumetric flow of the components to a mixing chamber. A metering valve for water may also be connected to the mixing chamber. The silo compartment for the aggregate may be provided with a heating element to safeguard the mechanically operated slide valve against freezing. The conveyor screw in the outlet for the binder may be provided with a cam and a plunger rod with transverse projections to prevent arching in the compartment for the storage of the binder.

The apparatus may be mounted on a truck to facilitate transport to the building site.





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. ³)
P, X	BE-A- 893 035 (JANSSEN) * Whole document *	1-4	B 28 C 7/04 B 28 C 7/10 B 28 C 7/16 B 28 C 5/46 B 28 C 7/00
X	FR-A-2 357 400 (HENOT) * Page 1, lines 20-23; page 2, lines 11-14; page 6, lines 7-11; figures 1,2 *	1-4	
X	US-A-4 298 288 (WEISBROD) * Figures; abstract *	1-4	
A	US-A-3 876 187 (WALTMAN) * Figures; abstract *	1-4	
A	FR-A-2 194 151 (CALEDONIAN MINING CO.) * Figures; claim 1 *	1-4	TECHNICAL FIELDS SEARCHED (Int. Cl. ³) B 28 C
A	AU-B- 412 147 (TEICHERT) * Page 2, last paragraph; page 3; figure 2 *	5	
A	US-A-3 358 976 (SIKTBERG) * Figures *	5	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-03-1984	Examiner ASH R.A.
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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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
			Page 2
A	DE-A-2 323 259 (OSTERODER EISEN) * Figure 1 *	6	
A	GB-A-1 017 225 (AVELING-BARFORD) * Figures; claims 1-4 *	7	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
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