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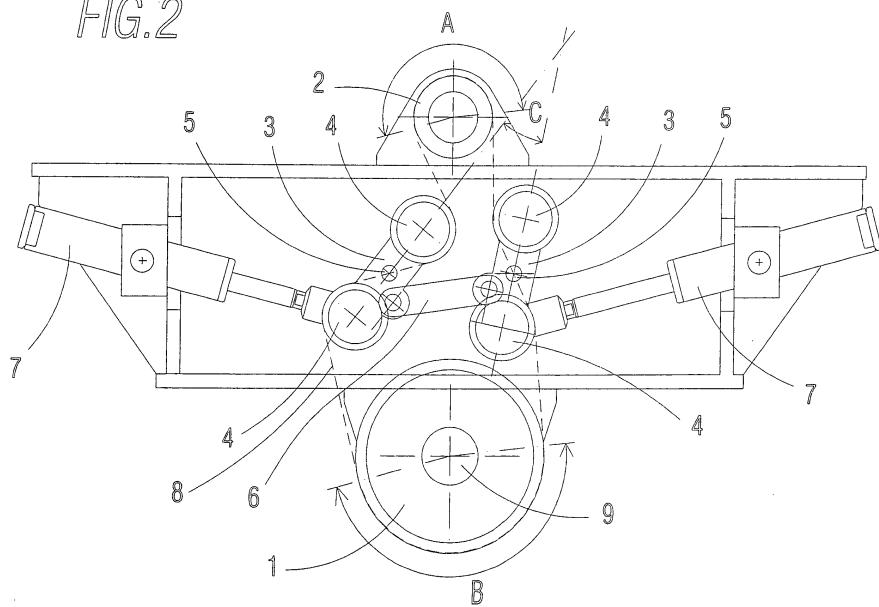
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(54) Vibrating device

(57) Improved machinery vibrating device, particularly applicable to vibro-compressor machines for the manufacture of moulded parts in concrete or similar that includes a vibrator table (11) operated by means that include a motor (10) linked by at least two motorised toothed pulleys (1) by means of a drive axle (9) that through a belt (8) turns pulleys connected to two means of operation (7) transferring the transmission axle (9) movement of the motor (10) to two drive pulleys to position at least two eccentric masses, characterised in that the pulleys (4) connected to the two means of operation

(7) are linked to some additional pulleys forming tandems (3) that are moveable in regard to a centre (5) arranged in an area close to the imaginary union axis between the centres of the pulleys that form each tandem (3), said tandems being joined to each other by means of a connecting rod in such a way as to allow relative movement between same so that the angle defined by the two axes of the opposing tandems (3) has a variation such that the complete length of the travel of the belt around the pulleys (4), (1), (2) remains constant and in which said tandems (3) are only connected to one of the two drive pulleys (2).

FIG.2





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	US 6 321 610 B1 (SEKIGUCHI YOJI [JP]) 27 November 2001 (2001-11-27) * column 4, line 15 - line 53; figures 1-3 *	1	INV. B06B1/16
A	-----	2-5	
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			TECHNICAL FIELDS SEARCHED (IPC)
			B06B B28B
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	The Hague	17 April 2007	Swartjes, Harrie
CATEGORY OF CITED DOCUMENTS		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	
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			

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

EP 05 01 9753

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.

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