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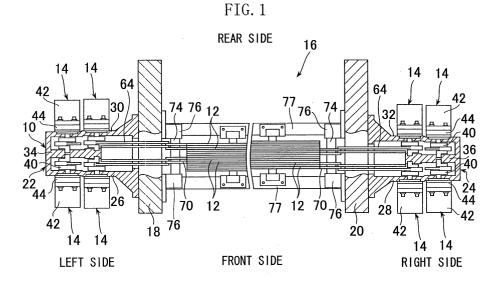
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(54) Shedding device of loom

(57) A shedding device (10) of a loom (16) comprises a plurality of drive mechanisms (14) provided in one-to-one correspondence to a plurality of heald frames (12). Each drive mechanism (14) includes: a rotary drive source (42); a speed reducer (44) having a reduction shaft (48) connected to an output shaft (50) of the rotary drive source (42) and driven by decelerating a rotation of the output shaft (50) and attached to a shedding device frame (22, 24) different from a loom frame; a bearing (38) disposed in the shedding device frame (22, 24):

and a motion converting mechanism (46) having a rod (64) connected to the heald frames (12) and a rotary member (40) and for converting a rotational motion of the reduction shaft (48) into a linear reciprocal motion of the rod (64) through the rotary member (40). The rotary member (40) has a one end portion (54) connected to the reduction shaft (48), the other end portion (56) supported by the bearing (38), and an intermediate portion (58) which is located between the one end portion (54) and the other end portion (56) and to which the rod (64) is swingably connected.





EUROPEAN SEARCH REPORT

Application Number EP 04 00 9979

Category	Citation of document with indication of relevant passages	n, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)			
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Place of search The Hague		Date of completion of the search 3 March 2005	Van	Examiner I Gelder, P			
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		E : earlier patent do after the filing dat D : document cited i L : document cited fo	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				
O : non-written disclosure P : intermediate document		& : member of the sa	& : member of the same patent family, corresponding document				

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

EP 04 00 9979

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82