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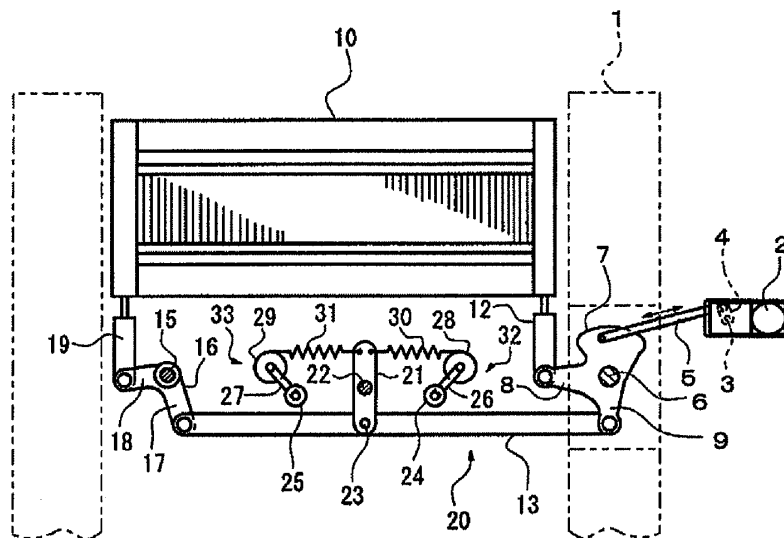
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(54) **Shedding device in a loom**

(57) A shedding device in a loom includes a heald frame, an electric motor for driving the heald frame, a linkage mechanism connecting the heald frame to the electric motor, and an assist spring provided on the heald frame or the linkage mechanism for assisting vertical movement of the heald frame in a shedding motion. The

shedding device further includes an adjuster for adjusting spring force of the assist spring, and a load sensor for monitoring load on the electric motor during the shedding motion of the heald frame. The spring force of the assist spring is adjusted based on the load on the electric motor monitored by the load sensor.

FIG. 1





EUROPEAN SEARCH REPORT

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 30 September 2013	Examiner Iamandi, Daniela
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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