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des brevets



(11)

EP 2 390 392 A3

(12)

## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
06.11.2013 Bulletin 2013/45

(51) Int Cl.:  
D03C 13/00 (2006.01)

(43) Date of publication A2:  
30.11.2011 Bulletin 2011/48

(21) Application number: 11164579.2

(22) Date of filing: 03.05.2011

(84) Designated Contracting States:  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO  
PL PT RO RS SE SI SK SM TR  
Designated Extension States:  
BA ME

(30) Priority: 24.05.2010 JP 2010118046

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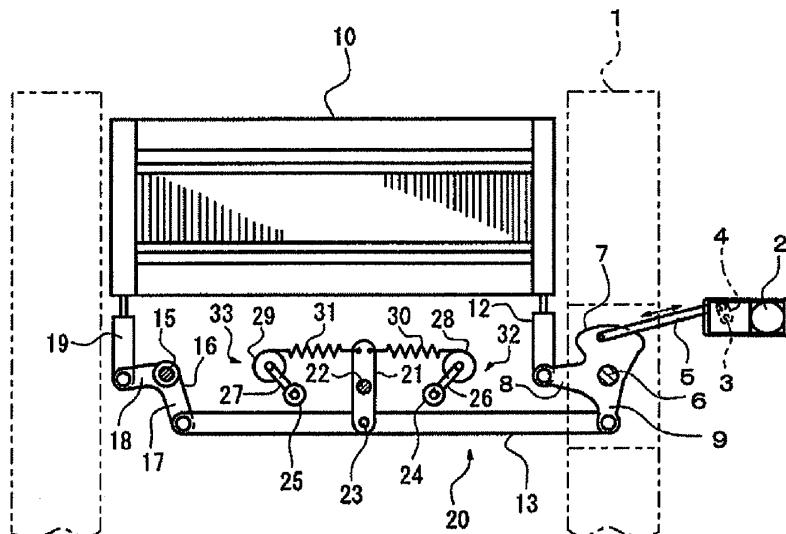
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### (54) Sheding device in a loom

(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

Application Number  
EP 11 16 4579

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CATEGORY OF CITED DOCUMENTS			
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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30-09-2013

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