

Title (en)  
Cloth-fell position adjuster

Title (de)  
Vorrichtung zum Positionieren der Shussanschlaglinie

Title (fr)  
Dispositif d'ajustement de la ligne de frappe de duite

Publication  
**EP 1728907 A1 20061206 (EN)**

Application  
**EP 06010385 A 20060519**

Priority  
JP 2005163128 A 20050602

Abstract (en)  
A cloth-fell position adjuster (10) is included in a loom (1) having at least one of a designated take-up motor (23) for rotating a surface roller (22) and a designated let-off motor (15) for rotating a warp beam (4), the at least one of the motors (15, 23) being provided independently of a main motor (31) driving a main shaft (26) of the loom (1). If the loom (1) has only one of the motors (15, 23), the adjuster (10) drives the motor (15, 23) independently of the main shaft (26) in response to a rotation command signal in a stopped state of the loom (1). If the loom (1) has both motors (15, 23), the adjuster (10) drives at least one of the motors (15, 23) independently of the main shaft (26) in response to the rotation command signal in a stopped state of the loom (1). The adjuster (10) includes a manual operating unit (40) generating the rotation command signal in response to a manual operation, and a drive controller (33) driving the at least one of the motors (15, 23) independently of the main shaft (26) by a rotational amount in response to one time the rotation command signal received from the manual operating unit (40). The rotational amount corresponds to an amount including a value of 1 pick or a pick value having one or more digits to the right of the decimal point.

IPC 8 full level  
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**D03C 1/146** (2013.01); **D03D 49/10** (2013.01); **D03D 49/20** (2013.01); **D03D 51/002** (2013.01)

Citation (applicant)  
• JP H0367132 B2 19911021  
• JP S6439727 A 19890210 - KYUSHU NIPPON ELECTRIC

Citation (search report)  
• [XDY] US 4605044 A 19860812 - SAKANO TOSHIYUKI [JP]  
• [A] US 5224520 A 19930706 - SHINBARA MASAMI [JP], et al  
• [A] EP 0504110 A1 19920916 - TOYODA AUTOMATIC LOOM WORKS [JP]  
• [A] EP 1460158 A2 20040922 - TSUDAKOMA IND CO LTD [JP]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12 5 December 2003 (2003-12-05)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 11 3 January 2001 (2001-01-03)

Designated contracting state (EPC)  
BE DE IT

Designated extension state (EPC)  
AL BA HR MK YU

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DOCDB simple family (application)  
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