

Title (en)  
LOOM HEALD-FRAME HEIGHT ADJUSTING APPARATUS

Title (de)  
VORRICHTUNG ZUR EINSTELLUNG DER HÖHE EINES WEBSCHAFTS

Title (fr)  
APPAREIL D'AJUSTEMENT DE LA HAUTEUR DE CADRE DE LISSES

Publication  
**EP 3112512 A1 20170104 (EN)**

Application  
**EP 16171993 A 20160530**

Priority  
JP 2015129494 A 20150629

Abstract (en)  
A loom heald-frame height adjusting apparatus according to the invention includes a support base (51, 61, 71), an adjusting mechanism (52, 62), and an ascending-descending member (53, 63, 63', 73). The support base (51, 61, 71) includes a setup portion (51 d, 61 d) and a guiding portion (51 a, 62a), the setup portion (51 d, 61 d) enabling the support base (51, 61, 71) to be mounted on a heald frame (10), and the guiding portion (51 a, 62a) extending upward from the setup portion (51 d, 61 d) in a state where the support base (51, 61, 71) is mounted on the heald frame (10). The adjusting mechanism (52, 62) includes an adjusting portion (52a, 62a) and a shift portion (52b, 62b). The adjusting portion (52a, 62a) is supported by the support base (51, 61, 71) and includes a screw portion. The shift portion (52b, 62b) is allowed to be shifted in the direction in which the guiding portion (51 a, 62a) extends and screwed on the screw portion of the adjusting portion (52a, 62a). The ascending-descending member (53, 63, 63', 73) includes a support portion and a hook portion (53a). The support portion is supported by the shift portion (52b, 62b) of the adjusting mechanism (52, 62). The hook portion (53a) is capable of hooking a downward-facing surface of the frame stave (11).

IPC 8 full level  
**D03J 3/00** (2006.01)

CPC (source: CN EP)  
**D03C 9/0683** (2013.01 - CN); **D03J 3/00** (2013.01 - EP)

Citation (applicant)  
• JP H11107103 A 19990420 - TOYODA AUTOMATIC LOOM WORKS  
• JP 2009293154 A 20091217 - TSUDAKOMA IND CO LTD

Citation (search report)  
• [A] EP 2130958 A2 20091209 - TSUDAKOMA IND CO LTD [JP] & JP 2009293154 A 20091217 - TSUDAKOMA IND CO LTD  
• [A] CN 203795064 U 20140827 - JIHUA 3542 TEXTILE CO LTD  
• [AD] JP H11107103 A 19990420 - TOYODA AUTOMATIC LOOM WORKS  
• [A] CN 200981911 Y 20071128 - XIANGFAN 3542 TEXTILE MILL [CN]

Designated contracting state (EPC)  
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 state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3112512 A1 20170104**; CN 106283326 A 20170104; CN 205821606 U 20161221; JP 2017014634 A 20170119; JP 6530258 B2 20190612

DOCDB simple family (application)  
**EP 16171993 A 20160530**; CN 201610446076 A 20160620; CN 201620609364 U 20160620; JP 2015129494 A 20150629