

Title (en)  
DEVICE FOR CONTROLLING THE TRANSVERSE MOVEMENT OF THE WARP THREADS OF A TEXTILE WEAVING MACHINE

Title (de)  
VORRICHTUNG ZUR STEUERUNG DER QUERBEWEGUNG DER KETTFÄDEN EINER TEXTILWEBMASCHINE

Title (fr)  
DISPOSITIF DE COMMANDE DU MOUVEMENT TRANSVERSAL DE FILS DE CHÂÎNE D'UN MÉTIER À TISSER LE TEXTILE

Publication  
**EP 2126172 A1 20091202 (DE)**

Application  
**EP 07816242 A 20071112**

Priority  
• CH 2007000559 W 20071112  
• CH 4902007 A 20070327

Abstract (en)  
[origin: WO2008116325A1] In order to solve the problem of not having enough space available for a large number of components and keeping the deflection of the electric motor small in a device for controlling the transverse movement of the warp threads of a textile weaving machine, particularly a textile weaving machine with single strand movements, the invention proposes to operatively connect the strands (4) via power transmission elements (24, 30) having different lengths in a staggered or register-like way to an electric motor (32, 24) and to provide the electric motors (32, 24) with a ratio in relation to the strands (4) such that the movement of the electric motors (32, 34) brings about a greater movement of the strands (4).

IPC 8 full level  
**D03C 3/20** (2006.01); **D03C 13/00** (2006.01)

CPC (source: EP KR US)  
**D03C 3/20** (2013.01 - EP KR US); **D03C 3/205** (2013.01 - EP); **D03C 13/00** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2008116325A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008116325 A1 20081002**; AT E479786 T1 20100915; BR PI0721532 A2 20140218; CN 101641467 A 20100203; CN 101641467 B 20110420; DE 502007004972 D1 20101014; EP 2126172 A1 20091202; EP 2126172 B1 20100901; HK 1135440 A1 20100604; JP 2010522285 A 20100701; JP 5209694 B2 20130612; KR 101408579 B1 20140702; KR 20100014356 A 20100210; TW 200914662 A 20090401; TW I425128 B 20140201; US 2010037979 A1 20100218; US 7806146 B2 20101005

DOCDB simple family (application)  
**CH 2007000559 W 20071112**; AT 07816242 T 20071112; BR PI0721532 A 20071112; CN 200780052379 A 20071112; DE 502007004972 T 20071112; EP 07816242 A 20071112; HK 10103215 A 20100329; JP 2010500043 A 20071112; KR 20097016037 A 20071112; TW 96144376 A 20071123; US 44975807 A 20071112