

Title (en)

Tensioning device and method for retensioning warp filaments of a warp filament layer

Title (de)

Spannvorrichtung und Verfahren zum Nachspannen von Kettfäden einer Kettfadenschicht

Title (fr)

Dispositif de tension et procédé destiné à retendre des fils de chaîne d'une couche de fils de chaîne

Publication

**EP 2388362 B1 20121226 (DE)**

Application

**EP 10405105 A 20100521**

Priority

EP 10405105 A 20100521

Abstract (en)

[origin: EP2388362A1] The clamping device (S) has two supporting elements (S-10,S-20), where a space between the supporting elements is changeable by a connected adjustment mechanism (S-30). The adjustment mechanism is connected with guide elements (S-11, S-11',S-21), over which the supporting elements are releasably connected with a common guide rail (FS). A clamping unit (S-40) is movable along the guide rail using the adjustment mechanism. Independent claims are also included for the following: (1) an assembly of a clamping device and a clamping frame for mounting a warp-thread layer; (2) a retraction device for warp threads of a warp-thread layer in elements of a weaving harnesses; and (3) a method for tightening of warp threads of a warp-thread layer by using a clamping device.

IPC 8 full level

**D03J 1/14** (2006.01)

CPC (source: EP KR)

**D03J 1/14** (2013.01 - EP KR); **D03J 3/02** (2013.01 - KR)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2388362 A1 20111123; EP 2388362 B1 20121226**; CN 102575390 A 20120711; CN 102575390 B 20140827; JP 2011246867 A 20111208; JP 5719688 B2 20150520; KR 20110128243 A 20111129; TW 201200656 A 20120101; TW I535906 B 20160601; WO 2011143787 A1 20111124

DOCDB simple family (application)

**EP 10405105 A 20100521**; CH 2011000118 W 20110520; CN 201180002902 A 20110520; JP 2011113986 A 20110520; KR 20110047204 A 20110519; TW 100117751 A 20110520