

Title (en)
Sample warper

Title (de)
Musterkettenschärmaschine

Title (fr)
Ourdissoir d'échantillonnage

Publication
EP 2540883 B1 20130807 (DE)

Application
EP 11005226 A 20110628

Priority
EP 11005226 A 20110628

Abstract (en)
[origin: EP2540883A1] The warper has a warping drum rotated around an axle, and thread guides (6) moved parallel to the axle between rest position and winding region by linear drives (14, 18, 20) i.e. linear motors (19). The rest position is set along a line, and the linear drives are arranged on sides of a surface in distributed manner, where the surface is formed by a projection of the line parallel to the axle. The linear drives are provided with a stator and a movable element, which is connected with the thread guides at two positions by an extension. The drives are combined to modules (13).

IPC 8 full level
D02H 3/00 (2006.01)

CPC (source: EP)
D02H 3/04 (2013.01)

Cited by
EP3399081A1; CN108774773A

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

DOCDB simple family (publication)
EP 2540883 A1 20130102; EP 2540883 B1 20130807; CN 102851818 A 20130102; CN 102851818 B 20150114; ES 2425924 T3 20131018; JP 2013011045 A 20130117; JP 5363550 B2 20131211; TW 201300598 A 20130101; TW I453313 B 20140921

DOCDB simple family (application)
EP 11005226 A 20110628; CN 201110359049 A 20111114; ES 11005226 T 20110628; JP 2011244842 A 20111108; TW 100133635 A 20110919