

Title (en)  
SHUTTLE EMBROIDERY MACHINE

Title (de)  
SCHIFFCHENSTICKMASCHINE

Title (fr)  
MACHINE À BRODER À NAVETTES

Publication  
**EP 3039178 A1 20160706 (DE)**

Application  
**EP 14761558 A 20140828**

Priority  
• CH 14592013 A 20130828  
• CH 2014000125 W 20140828

Abstract (en)  
[origin: WO2015027349A1] The drive bar of a shuttle embroidery machine is moved up and down by a mechanism (5, 7, 25, 31 and 33) along a movement path which is inclined relative to the vertical. The linear movement path is created without linear guide means, preferably by a mechanism that engages the drive bar.

IPC 8 full level  
**D05C 11/18** (2006.01)

CPC (source: EP)  
**D05C 11/18** (2013.01)

Citation (search report)  
See references of WO 2015027349A1

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)  
**WO 2015027349 A1 20150305**; CH 708496 A1 20150313; CN 105593425 A 20160518; CN 105593425 B 20181127; CN 109023753 A 20181218; CN 109023753 B 20210716; EP 3039178 A1 20160706; EP 3039178 B1 20180801; EP 3039178 B2 20220608; EP 3409821 A1 20181205; TW 201520395 A 20150601; TW 201900974 A 20190101; TW I637090 B 20181001; TW I693322 B 20200511

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**CH 2014000125 W 20140828**; CH 14592013 A 20130828; CN 201480043645 A 20140828; CN 201810987256 A 20140828; EP 14761558 A 20140828; EP 18185389 A 20140828; TW 103127548 A 20140812; TW 107131005 A 20140812