

Title (en)
Embroidery machine

Title (de)
Stickmaschine

Title (fr)
Machine à broder

Publication
EP 2568069 B1 20130821 (DE)

Application
EP 12183307 A 20120906

Priority
CH 14782011 A 20110908

Abstract (en)
[origin: EP2568069A1] The embroidery machine has a needle plate having a needle opening. A shuttle race is provided downstream of needle plate and is provided with a running face through which a shuttle (15) is movable back and forth. A needle channel (39) is formed in the running face of shuttle race. A drive unit (25) is arranged to generate the reciprocating movement of shuttle on running face. A needle guide structure (41) is provided to limit the lateral deflection of a needle (43) which is passed through the needle channel. An independent claim is included for method for forming shuttle embroidery.

IPC 8 full level
D05B 55/06 (2006.01); **D05C 11/06** (2006.01)

CPC (source: EP KR)
D05B 55/06 (2013.01 - EP); **D05B 57/10** (2013.01 - KR); **D05C 11/06** (2013.01 - EP); **D05C 11/18** (2013.01 - KR)

Cited by
US10196166B2

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 2568069 A1 20130313; EP 2568069 B1 20130821; CH 705472 A1 20130315; CN 102995323 A 20130327; CN 102995323 B 20151028; KR 20130028005 A 20130318; TW 201315859 A 20130416; TW I582287 B 20170511

DOCDB simple family (application)
EP 12183307 A 20120906; CH 14782011 A 20110908; CN 201210332990 A 20120910; KR 20120098229 A 20120905; TW 101131991 A 20120903