

Title (en)
Multi-head embroidery machine

Title (de)
Mehrkopf-Stickmaschine

Title (fr)
Machine à broder multîtête

Publication
EP 2351881 B1 20121031 (DE)

Application
EP 10195854 A 20101220

Priority
CH 19702009 A 20091218

Abstract (en)
[origin: KR20110070821A] PURPOSE: A multihead/multi-needle embroidery machine is provided to ensure high efficiency and to independently move a needle tappet. CONSTITUTION: A multihead embroidery machine comprises a plurality of needle positions(63) arranged in a displacement direction. Each needle position has a needle tappet(70). A transmission is mounted on a carrier(71) to generate reciprocating motion of the needle tappet. The transmission comprises a pivot lever which derives a fabric compressor unit.

IPC 8 full level
D05B 29/00 (2006.01); **D05C 3/02** (2006.01); **D05C 9/20** (2006.01)

CPC (source: EP)
D05B 29/00 (2013.01); **D05C 3/02** (2013.01); **D05C 9/20** (2013.01)

Cited by
CN107119397A; CN106757884A; CN104562490A; CN108049043A; CN111041725A; CN108193396A; CN110318179A; US10407811B2; WO2017038229A1; EP3556923A1; DE102018206088A1; JP2019188142A

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)
CH 702470 A1 20110630; CN 102121177 A 20110713; CN 102121177 B 20151125; EP 2351881 A1 20110803; EP 2351881 B1 20121031; KR 101790644 B1 20171026; KR 20110070821 A 20110624; TW 201124582 A 20110716; TW I593847 B 20170801

DOCDB simple family (application)
CH 19702009 A 20091218; CN 201010601952 A 20101220; EP 10195854 A 20101220; KR 20100129821 A 20101217; TW 99143607 A 20101214