

Title (en)

ELECTRONIC JACQUARD DEVICE AND CASSETTE FOR ELECTRONIC JACQUARD

Title (de)

ELEKTRONISCHE JACQUARD-VORRICHTUNG UND KASSETTE FÜR ELEKTRONISCHE JACQUARD-VORRICHTUNG

Title (fr)

DISPOSITIF JACQUARD ÉLECTRONIQUE ET CASSETTE DE DISPOSITIF JACQUARD ÉLECTRONIQUE

Publication

EP 1944399 B1 20150617 (EN)

Application

EP 06796340 A 20060810

Priority

- JP 2006315849 W 20060810
- JP 2005239728 A 20050822

Abstract (en)

[origin: EP1944399A1] An electronic Jacquard apparatus and an electronic Jacquard cassette wherein the needle selection operation in the electronic Jacquard apparatus can be performed stably over prolonged periods of time, and the select hooks can operate reliably even when the tips of the needles come into contact with the distal ends of the select hooks. The electronic Jacquard apparatus comprises select hooks, whose orientation is selected in accordance with the curving of actuating bodies comprising piezoelectric bodies via oscillating between an engaged orientation in which the select hooks engage with needles, and a non-engaged orientation in which the select hooks do not engage with the needles; and further comprises support pins that act as fulcra for the oscillation of the select hooks. The electronic Jacquard apparatus has a structure whereby the support pins and cassette main body constitute separate entities, and the support pins are supported by a holding plate that supports the cassette against the Jacquard main body.

IPC 8 full level

D04C 5/00 (2006.01); **D03C 3/20** (2006.01); **D04B 27/32** (2006.01)

CPC (source: EP)

D03C 3/20 (2013.01); **D04C 5/18** (2013.01)

Cited by

CN102978772A

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1944399 A1 20080716; **EP 1944399 A4 20110622**; **EP 1944399 B1 20150617**; CN 101258277 A 20080903; CN 101258277 B 20110126; ES 2543415 T3 20150819; HK 1119746 A1 20090313; JP 2007056381 A 20070308; JP 4318675 B2 20090826; WO 2007023694 A1 20070301

DOCDB simple family (application)

EP 06796340 A 20060810; CN 200680030744 A 20060810; ES 06796340 T 20060810; HK 08112877 A 20081125; JP 2005239728 A 20050822; JP 2006315849 W 20060810