

Title (en)

Device and process for stamping a fabric sheet of a sewing machine

Title (de)

Vorrichtung und Verfahren zum Stanzen eines Flächengebildes einer Nähmaschine

Title (fr)

Dispositif et procédé d'estampillage d'une structure plate d'une machine à coudre

Publication

EP 2662483 B1 20160518 (DE)

Application

EP 13405033 A 20130304

Priority

CH 6522012 A 20120509

Abstract (en)

[origin: EP2662483A1] The sheet punching apparatus has a sheet (23) that is slidably and transversely placed between sewing machine head (1) and needle plate (7) along the needle bar axis. A punching die (5b) of a punching tool is matched with the punch portion (5a). A gap in which the sheet is displaced for punching, is formed in the normal position between punch portion and punching die. A waste portion of the sheet is punched out to a waste container (9) by moving from punching die from initial position into end position. An independent claim is included for method for punching sheet.

IPC 8 full level

D05B 37/04 (2006.01); **D05C 7/02** (2006.01)

CPC (source: EP US)

D05B 37/04 (2013.01 - EP US); **D05B 81/00** (2013.01 - US); **D05C 7/02** (2013.01 - EP US); **D05C 7/04** (2013.01 - US)

Citation (examination)

- US 4709645 A 19871201 - JONES CHRISTOPHER R [US], et al
- JP 2004089558 A 20040325 - JUKI KK
- US 4718364 A 19880112 - KESSLER ROLF [DE]

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CN113047027A; CN112109429A; CN107471310A; ITFI20130256A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2662483 A1 20131113; **EP 2662483 B1 20160518**; CH 706492 A1 20131115; US 2013298811 A1 20131114; US 9038553 B2 20150526

DOCDB simple family (application)

EP 13405033 A 20130304; CH 6522012 A 20120509; US 201313873332 A 20130430