

Title (en)

Sewing machine embroidery presser and sewing machine

Title (de)

Nähmaschinen-Stickdruckvorrichtung und Nähmaschine

Title (fr)

Pied presseur de broderie pour machine à coudre et machine à coudre

Publication

EP 2518200 B1 20160810 (EN)

Application

EP 12165469 A 20120425

Priority

JP 2011099544 A 20110427

Abstract (en)

[origin: EP2518200A2] Disclosed is a sewing machine embroidery presser attached to a presser bar, in a sewing machine including a needle bar that has a needle holder for holding a needle and is vertically movable in the height direction, a presser bar vertically movable in the height direction, and a presser lifting lever for vertically moving the presser bar, the sewing machine embroidery presser including: a presser holder attached to a lower portion of the presser bar using a fixture; an operational arm that is attached to the presser holder and moved vertically by the needle bar or the needle holder to vertically move in the height direction; a presser foot that is vertically movably held by the presser holder to move in synchronization with the operational arm, faces a needle plate of the sewing machine, and presses a target workpiece; a presser spring that is provided in the presser holder and has a biasing force for biasing the presser foot toward the needle plate; and a subsidiary lever pivotably provided in the presser holder, the subsidiary lever including a cam surface having a cam profile for vertically moving the operational arm in response to pivoting, a fixing trench that engages with the operational arm to move the presser foot to the presser holder side and temporarily set the presser foot in a first height position raised from the needle plate, and an operating portion operated by the user's finger.

IPC 8 full level

D05B 29/12 (2006.01); **D05C 7/02** (2006.01)

CPC (source: EP)

D05B 29/06 (2013.01); **D05B 29/12** (2013.01); **D05C 7/02** (2013.01)

Cited by

EP2770099A1; CN113502615A; CN110485078A

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 12165469 A 20120425; CN 201220188518 U 20120427; JP 2011099544 A 20110427