

Title (en)
SEWING MACHINE

Title (de)
NÄHMASCHINE

Title (fr)
MACHINE À COUDRE

Publication
EP 1760178 A4 20150107 (EN)

Application
EP 05748797 A 20050609

Priority
• JP 2005010616 W 20050609
• JP 2004171926 A 20040609

Abstract (en)
[origin: EP1760178A1] Clamp members (8a, 8b), provided for supplying an elongated working fabric (N) from a fabric supply source to a controllably-driven fabric frame (5) and fixing the fabric to the frame, each include a retaining member (16) constructed to pivot about a pivot shaft (14) extending along a planar direction of the working fabric (N) positioned on the fabric frame (N), and an abutting engagement section (23) constructed to abuttingly engage the pivoted retaining member (16). The abutting engagement section (23) abuttingly engages the pivoted retaining member with the fabric (N) sandwiched between the retaining member (16) and the abutting engagement section (23), to thereby clamp the working fabric (N). Positioning mechanism (27) is provided at an intermediate position of a sash portion (10) suspending thereon the horizontal clamp members (8a, 8b). When the working fabric is to be fed, a vertically-movable member (31) of the positioning mechanism is caused ascend to permit feeding of the working fabric, while, when the working fabric is to be fixed, the vertically-movable member is caused to descend to support the intermediate position of the sash portion so as not to hang down or deform.

IPC 8 full level
D05B 11/00 (2006.01); **D05C 9/04** (2006.01); **D05B 35/00** (2006.01); **D05B 39/00** (2006.01)

CPC (source: EP KR)
D05B 11/00 (2013.01 - EP); **D05B 39/00** (2013.01 - KR); **D05C 9/06** (2013.01 - KR); **D05C 9/04** (2013.01 - EP)

Citation (search report)
• [XAI] JP H02104760 A 19900417 - BARUDAN CO LTD
• [XA] JP H0426449 A 19920129 - AISIN SEIKI, et al
• [A] JP H0631073 A 19940208 - AISIN SEIKI
• [A] DE 19923912 A1 20001130 - ZSK STICKMASCH GMBH [DE]
• See references of WO 2005121432A1

Designated contracting state (EPC)
DE IT TR

DOCDB simple family (publication)
EP 1760178 A1 20070307; **EP 1760178 A4 20150107**; CN 1965120 A 20070516; JP 2005348906 A 20051222; KR 100747380 B1 20070807; KR 20070004954 A 20070109; WO 2005121432 A1 20051222

DOCDB simple family (application)
EP 05748797 A 20050609; CN 200580018706 A 20050609; JP 2004171926 A 20040609; JP 2005010616 W 20050609; KR 20067023386 A 20061108