

Title (en)  
Sewing and embroidering machine

Title (de)  
Näh- und Stickmaschine

Title (fr)  
Machine à coudre et à broder

Publication  
**EP 1308548 A3 20041124 (DE)**

Application  
**EP 02405816 A 20020923**

Priority  
CH 20132001 A 20011102

Abstract (en)  
[origin: EP1308548A2] Reference components form part of the embroidery frame (37). They include projecting cams which are identified and read using a stationary sensor (45) fixed to the drive unit (35). The actual location of the embroidery frame with respect to the holder (39), detected by sensor and cam, is compared with the desired position.

IPC 1-7  
**D05B 21/00**; **D05B 19/02**

IPC 8 full level  
**D05B 19/16** (2006.01); **D05B 39/00** (2006.01)

CPC (source: EP US)  
**D05B 19/16** (2013.01 - EP US); **D05B 39/00** (2013.01 - EP US)

Citation (search report)  
• [DA] DE 29612102 U1 19960912 - GEGAUF FRITZ AG [CH]  
• [DA] US 5865133 A 19990202 - HERBACH MATHIAS [DE], et al  
• [DA] US 6237516 B1 20010529 - WAKAYAMA AKIHIRO [JP]

Cited by  
EP1783258A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**EP 1308548 A2 20030507**; **EP 1308548 A3 20041124**; **EP 1308548 B1 20060322**; AT E321163 T1 20060415; DE 50206136 D1 20060511; US 2003084831 A1 20030508; US 6568337 B1 20030527

DOCDB simple family (application)  
**EP 02405816 A 20020923**; AT 02405816 T 20020923; DE 50206136 T 20020923; US 28471202 A 20021031