

Title (en)
Sewing machine

Title (de)
Nähmaschine

Title (fr)
Machine à coudre

Publication
EP 2492386 A1 20120829 (EN)

Application
EP 12155864 A 20120217

Priority
JP 2011037977 A 20110224

Abstract (en)
A sewing machine (1) for processing a needlework on a workpiece (100) by manually moving the workpiece (100) on a base portion (1b) to a desired position by an operator includes a sewing needle (2) processing the needlework on the workpiece (100) on the base portion (1 b), a drive source (3, 3a, 3b) actuating the sewing needle (2), a control portion (4) controlling the drive source (3, 3a, 3b), an operation portion (10) electrically connected to the control portion (4) and variably operating the sewing needle (2), and the operation portion (10) configured to be attached to a periphery (50a) of a frame portion (50) for providing a tensioned state of the workpiece (100).

IPC 8 full level
D05B 19/14 (2006.01); **D05B 39/00** (2006.01)

CPC (source: EP)
D05B 19/14 (2013.01); **D05B 39/00** (2013.01)

Citation (applicant)
JP 2010207542 A 20100924 - AISIN SEIKI

Citation (search report)
• [AD] JP 2010207542 A 20100924 - AISIN SEIKI
• [A] US 2007221108 A1 20070927 - KOERNER RALPH J [US]
• [A] US 2008006191 A1 20080110 - ASABA YUTAKA [JP], et al
• [A] US 5291843 A 19940308 - HORI MASAYUKI [JP]

Cited by
EP2540894A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 2492386 A1 20120829; EP 2492386 B1 20130731; CN 202644119 U 20130102; JP 2012170759 A 20120910; JP 5822056 B2 20151124

DOCDB simple family (application)
EP 12155864 A 20120217; CN 201220061564 U 20120223; JP 2011037977 A 20110224