

Title (en)

Needle holder for a needle and sewing machine

Title (de)

Nadelhalterung für eine Nähmaschinennadel und Nähmaschine

Title (fr)

Porte-aiguille pour une aiguille et machine à coudre

Publication

EP 1674603 A1 20060628 (DE)

Application

EP 05028483 A 20051227

Priority

DE 102004063622 A 20041227

Abstract (en)

A needle holder for a sewing machine needle (5), has a sonotrode (4) which can make the needle vibrate in the holder. An independent claim is also included for a sewing machine with a needle holder and sonotrode as above.

IPC 8 full level

D05B 55/00 (2006.01); **D05B 81/00** (2006.01)

CPC (source: EP)

D05B 55/00 (2013.01); **D05B 81/00** (2013.01)

Citation (applicant)

US 5215021 A 19930601 - FUHRMANN WOLF-DIETER [DE]

Citation (search report)

- [X] EP 0112949 A1 19840711 - INOUE JAPAX RES [JP]
- [X] US 5186776 A 19930216 - BOYCE JOSEPH S [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1674603 A1 20060628

DOCDB simple family (application)

EP 05028483 A 20051227