

Title (en)

Spool spin assembly for a plurality of upper thread bobbins

Title (de)

Garnrollenhalter für eine Mehrzahl von Oberfadenspulen

Title (fr)

Assemblage de broches de bobines pour une pluralité de bobines de fil supérieur

Publication

**EP 1681381 A1 20060719 (DE)**

Application

**EP 05405635 A 20051115**

Priority

CH 372005 A 20050112

Abstract (en)

The holder has a base plate (21) to anchor a thread spool pin, where the plate is placed at a side of an upright. An arm guides and deflects a thread (29) drawn out from the spool, where the thread is drawn parallel to a rotational axis of the spool. A connection connects the plate to a sewing machine. The plate is engaged with a recess in a housing of the machine. A thread spool carousel is integrated into the housing.

IPC 8 full level

**D05B 43/00** (2006.01); **D05B 73/00** (2006.01)

CPC (source: EP US)

**D05B 43/00** (2013.01 - EP US); **D05B 73/00** (2013.01 - EP US)

Citation (search report)

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- [A] US 2900941 A 19590825 - JOHN PLATT
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- [A] US 5063866 A 19911112 - JIMENEZ ANTONIO [CH], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 08 30 August 1996 (1996-08-30)

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WO2008063476A1

Designated contracting state (EPC)

CH DE IT LI SE

DOCDB simple family (publication)

**EP 1681381 A1 20060719**; **EP 1681381 B1 20070502**; DE 502005000661 D1 20070614; US 2006150880 A1 20060713; US 7114455 B2 20061003

DOCDB simple family (application)

**EP 05405635 A 20051115**; DE 502005000661 T 20051115; US 31981005 A 20051228