

Title (en)

Device for stretching and fixing textiles of various thickness

Title (de)

Vorrichtung zum Spannen und Fixieren von Textilien verschiedener Dicke

Title (fr)

Dispositif pour l'éirement et la fixation de textiles ayant différentes épaisseurs

Publication

**EP 1676946 A1 20060705 (DE)**

Application

**EP 04030978 A 20041229**

Priority

EP 04030978 A 20041229

Abstract (en)

The assembly to clamp and fix textile materials of a variable thickness, for embroidering, holds the fabric between a carrier (1) and a clamp holder (2) with at least one adjustable lock (3). Spacers (4) are against a support surface, and an opening (5) in the clamp and carrier allows the fabric to be embroidered. The carrier and clamp have structured surfaces of projections which mesh together. The lock has a hollow tab (7) to clamp an inserted structured tongue (8) at the clamp holder.

IPC 8 full level

**D05C 9/04** (2006.01)

CPC (source: EP)

**D05C 9/04** (2013.01); **D10B 2501/042** (2013.01)

Citation (search report)

- [XA] US 5887534 A 19990330 - FRENCH NICK L [US], et al
- [XA] US 5553560 A 19960910 - TAJIMA IKUO [JP], et al
- [XJ] JP H02251661 A 19901009 - BARUDAN CO LTD
- [A] US 5701831 A 19971230 - MORITA TETSUO [JP]
- [A] US 6213037 B1 20010410 - HATTORI OSAMU [JP], et al
- [A] DE 19637866 A1 19980319 - ZSK STICKMASCH GMBH [DE]
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 578 (C - 0791) 21 December 1990 (1990-12-21)

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