

Title (en)

Latch needle for stitch forming textile machine

Title (de)

Zungennadel für maschenbildende Textilmaschine

Title (fr)

Aiguille à clapet pour machine textile à former des mailles

Publication

**EP 1887117 B1 20100317 (DE)**

Application

**EP 06016765 A 20060811**

Priority

EP 06016765 A 20060811

Abstract (en)

[origin: EP1887117A1] A textile mesh machine has a latch-type hooked needle in which the shaft has a detent engaging with a spring hook. The detent has two sections of different depth. As the half-mesh slides onto the spring, the spring hook drops into the lower section without deforming the spring.

IPC 8 full level

**D04B 35/02** (2006.01)

CPC (source: EP KR US)

**D04B 35/04** (2013.01 - EP KR US); **D04B 35/06** (2013.01 - EP US)

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DOCDB simple family (publication)

**EP 1887117 A1 20080213; EP 1887117 B1 20100317**; CN 101122064 A 20080213; CN 101122064 B 20110831; DE 502006006452 D1 20100429; JP 2008045263 A 20080228; KR 100908799 B1 20090722; KR 20080014630 A 20080214; US 2008034806 A1 20080214; US 7509820 B2 20090331

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**EP 06016765 A 20060811**; CN 200710140874 A 20070810; DE 502006006452 T 20060811; JP 2007211067 A 20070813; KR 20070079378 A 20070808; US 88942307 A 20070813