

Title (en)

Method and device for representing sewing processes

Title (de)

Verfahren und Vorrichtung zum Darstellen von Nähprozessen

Title (fr)

Procédé et dispositif destinés à la représentation de processus de couture

Publication

EP 1878823 A1 20080116 (DE)

Application

EP 07405112 A 20070411

Priority

CH 10992006 A 20060710

Abstract (en)

The method involves representing a virtual sewing material on a monitor (3) and/or a simulator monitor. A virtual seam is created on the virtual sewing material by way of repeatedly inserting a virtual sewing needle (7) with relative motions executed between the virtual sewing material and the virtual sewing needle. A feature e.g. elasticity, of the virtual sewing material is approximated, adjusted, or assimilated to a respective feature of the actual sewing material, where a part of the feature of the virtual sewing material and/or the virtual seam is detected automatically. An independent claim is also included for a device for representing sewing processes in sewing machines or sewing simulators.

Abstract (de)

Das Verfahren und die Vorrichtung zum Darstellen von Nähprozessen ermöglichen die wirklichkeitsnahe Simulation der Bildung von Stichmustern und Stickmustern bei Nähmaschinen (1) und Stickmaschinen oder bei Nähsimulatoren. Bei der Darstellung auf einem Bildschirm (3) werden Eigenschaften wie Farbe und Struktur des Nähguts (2) berücksichtigt. Durch Aktivierung eines Simulationsmodus kann der Antrieb der Stichbildungseinheit verhindert werden.

IPC 8 full level

D05B 19/00 (2006.01); **D05B 19/10** (2006.01)

CPC (source: EP US)

D05B 19/006 (2013.01 - EP US); **D05B 19/105** (2013.01 - EP US); **D05D 2205/18** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

CH DE LI SE

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1878823 A1 20080116; **EP 1878823 B1 20190306**; US 2008006192 A1 20080110; US 8240262 B2 20120814

DOCDB simple family (application)

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