

Title (en)

Sewing machine and feed station for such a sewing machine

Title (de)

Nähautomat sowie Einlegestation für einen derartigen Nähautomaten

Title (fr)

Automate de couture et station d'insertion pour un tel automate de couture

Publication

EP 1903139 B1 20160831 (DE)

Application

EP 07018038 A 20070914

Priority

DE 102006044494 A 20060921

Abstract (en)

[origin: EP1903139A2] A driven (16) adjuster (15) sets the spacing (A) between two cutters (11, 12). The adjuster drive includes a cylinder located between first and second cutter carriers. The displacement of the first carrier relative to the second, is guided along the line of spacing (A) between cutters. The carriers move relative to the cutter (10) frame. In moving between positions of maximum- and minimum displacement, the cutter carrier is limited in its travel, by adjustable stops. A second drive (36) is included. It displaces the cutter (10) in a direction transverse to the line of spacing (A). This drive (36) is divided in two. Its first unit (31), causes movement between two cutting positions. Its second unit (33) causes movement between a cutting position and a neutral position, in which the cutters are disengaged from the pieces of sewing aligned with the position stop (7).

IPC 8 full level

D05B 33/00 (2006.01); **D06H 7/00** (2006.01)

CPC (source: EP KR)

D05B 3/12 (2013.01 - KR); **D05B 3/24** (2013.01 - KR); **D05B 33/00** (2013.01 - EP); **D05B 35/00** (2013.01 - KR); **D05D 2207/04** (2013.01 - EP)

Cited by

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CZ DE

DOCDB simple family (publication)

EP 1903139 A2 20080326; **EP 1903139 A3 20100602**; **EP 1903139 B1 20160831**; CN 101148809 A 20080326; DE 102007032658 A1 20080403; JP 2008073525 A 20080403; KR 20080027150 A 20080326

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EP 07018038 A 20070914; CN 200710153563 A 20070921; DE 102007032658 A 20070713; JP 2007242373 A 20070919; KR 20070095126 A 20070919