

Title (en)
Severing- and clamping device for front yarn, for embroidering machines

Title (de)
Schneide- und Klemmeinrichtung für Vordergarn für Stickmaschinen

Title (fr)
Dispositif pour sectionner et pincer le fil de face dans des machines à broder

Publication
EP 0606585 B1 19970910 (DE)

Application
EP 93119653 A 19931207

Priority
DE 4300846 A 19930115

Abstract (en)
[origin: CH683701A5] The mechanism has a large number of needles are arranged in row(s), and a large number of cutting and clamping units (1) are secured to a common carrier rail (2) matching the needle arrangement. The common carrier rail (2), with the cutting and clamping units (1), is pref. brought to the fabric and the needle (3) penetration points, and retracted from it. The cutting and clamping units (1) are opened by a mechanically linked drive (7), or they are operated individually by a selection mechanism. The cutting and clamping units (1) are fitted to the carrier rail (2) for individual exchange. The carrier rail (2) is fitted to swing points to give a parallelogram movement motion to and from the needle penetration points at the fabric. The carrier rail (2) is divided into separate sections and modules along the length, with separate operation. USE/ ADVANTAGE - The system is for large embroidery machines with numerous needles. The cutting and clamping action is effected without problems in the space provided by large embroidery machines to give the cutting and clamping actions and resumption of embroidery.

IPC 1-7
D05C 11/20

IPC 8 full level
D05C 11/20 (2006.01)

CPC (source: EP US)
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AT DE FR IT

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CH 111293 A 19930414; AT 93119653 T 19931207; DE 4300846 A 19930115; DE 59307339 T 19931207; EP 93119653 A 19931207; JP 1589794 A 19940114; US 18167094 A 19940114