

Title (en)

Overedge seaming machine, especially for carpets.

Title (de)

Nähmaschine, insbesondere zum Einfassen bzw. Säumen von Materialien.

Title (fr)

Surjeteuse, par exemple pour tapis.

Publication

EP 0377218 B1 19950419 (DE)

Application

EP 89124060 A 19891228

Priority

DE 3900209 A 19890105

Abstract (en)

[origin: JPH02234789A] PURPOSE: To perform edging to the edge part of a material by providing the machine with a driving mechanism, sewing mechanism, needle mechanism, looping mechanism and thread feed mechanism for feeding a thread to the needle mechanism and the looping mechanism. CONSTITUTION: A sewing gripper 66 tensions a sewing thread-linking loop 139 around a material edge 135 through a forked grip 150 and moves it to a position over a needle 46, and the needle is inserted through the linking loop 139. A link sewing gripper 66 releases the linking loop 139, the needle is stuck through a material 80, and a thread loop is formed around the arm of the upper linking loop. The sewing thread gripper 65 is passed between the needle and the thread above a needle eye 45 and the sewing thread is passed between lower thread loops for forming the linking loop. A sewing thread guide roller 154 in contact with the opening of a sewing thread guide port 47 facilitates refastening when the sewing thread is unfastened. The linking loop 139 is formed between a sewing thread feed part above the sewing thread guide path 47 and a sewing portion continued to the preceding linking loop.

IPC 1-7

D05B 35/00; **D05B 1/20**; **D05B 13/00**

IPC 8 full level

D05B 1/20 (2006.01); **D05B 13/00** (2006.01); **D05B 23/00** (2006.01); **D05B 35/00** (2006.01); **D05B 37/04** (2006.01); **D05B 37/06** (2006.01); **D05B 57/34** (2006.01)

CPC (source: EP US)

D05B 1/20 (2013.01 - EP US); **D05B 37/06** (2013.01 - EP US); **D05D 2203/00** (2013.01 - EP US); **D05D 2303/02** (2013.01 - EP US); **D10B 2503/04** (2013.01 - EP US)

Cited by

CN108642723A; CN110945174A

Designated contracting state (EPC)

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EP 0377218 A2 19900711; **EP 0377218 A3 19901003**; **EP 0377218 B1 19950419**; AT E121470 T1 19950515; DE 3900209 A1 19900712; DE 58909189 D1 19950524; JP H02234789 A 19900917; US 5020458 A 19910604

DOCDB simple family (application)

EP 89124060 A 19891228; AT 89124060 T 19891228; DE 3900209 A 19890105; DE 58909189 T 19891228; JP 15590 A 19900105; US 46150090 A 19900105