

Title (en)

GRIPPING AND MANIPULATING DEVICE FOR TEXTILE MATERIAL CONTAINERS

Publication

EP 0427024 B1 19930908 (DE)

Application

EP 90120038 A 19901019

Priority

CH 401389 A 19891107

Abstract (en)

[origin: EP0427024A1] The device is mounted on a transport vehicle (1) and has an articulated arm (19, 20) and a gripper device (10). The gripper device (10) arranged on the movable end of the articulated arm (19, 20) consists of a multi-membered scissor mechanism having two container mountings (11, 12). The movement of the container mountings (11, 12) is generated by means of a driving element (18), part (37) of the driving element (18) acting on guide elements (15, 16). These guide elements (15, 16) are connected to the container mountings (11, 12) in an articulated manner. The gripper device (10) can be folded together to a very small size, and the three axes of rotation of the manipulating device allow a compact design of the transport vehicle (1). In addition, a fixing device (22) for the end of a web of textile material is arranged on the articulated arm (19, 20) or on the gripper device (10) and is movable with this. The space requirement between the transport vehicle (1) and machines and also between the textile-material containers (5, 7, 8) is reduced. <IMAGE>

IPC 1-7

B65H 67/04

IPC 8 full level

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CPC (source: EP US)

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Cited by

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