

Title (en)

Gripper device for transporting sticky web-like materials.

Title (de)

Greifvorrichtung zum Mitführen einer klebrigen Werkstoffbahn.

Title (fr)

Dispositif de pinces pour transporter une bande de matériau collant.

Publication

EP 0377833 B1 19940323 (DE)

Application

EP 89122766 A 19891209

Priority

DE 3900342 A 19890107

Abstract (en)

[origin: EP0377833A2] The invention relates to a gripper device for transporting sticky web-like materials, comprising a carriage which can be guided movably in its longitudinal direction and holding tongs arranged on said carriage, the inner sides of the legs of these tongs being designed to reduce adhesion. <??>To improve the cost-effectiveness and operational reliability of the gripper device, it is proposed to equip the inner sides (14e, 14f) of the legs (14a, 14b) of the tongs with a continuous adhesion- reducing film (23) which is pretensioned by means of a clamping frame (17) and to form this film so that it can be moved by means of a slide (20) in such a way that the displacement of the holding tongs (14) caused by the slide movement results in a movement of the adhesion- reducing film towards the end sections (14g, 14h) of the legs of the tongs in opposite directions and at the same speed. <??>The releasing movement of the holding tongs (14) causes a sticky web-like material situated between the legs of the tongs to be conveyed out of and freed from the region of the tongs without self- movement. <IMAGE>

IPC 1-7

B65H 5/14; **B65H 29/10**; **B65H 35/02**; **B65H 35/04**

IPC 8 full level

B65H 5/14 (2006.01); **B65H 20/18** (2006.01); **B65H 29/10** (2006.01); **B65H 35/02** (2006.01); **B65H 35/04** (2006.01)

CPC (source: EP US)

B65H 5/14 (2013.01 - EP US); **B65H 29/10** (2013.01 - EP US); **B65H 35/02** (2013.01 - EP US); **B65H 35/04** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR IT SE

DOCDB simple family (publication)

EP 0377833 A2 19900718; **EP 0377833 A3 19910327**; **EP 0377833 B1 19940323**; DE 3900342 A1 19900712; DE 58907302 D1 19940428; ES 2050772 T3 19940601; JP H02231348 A 19900913; US 4995778 A 19910226

DOCDB simple family (application)

EP 89122766 A 19891209; DE 3900342 A 19890107; DE 58907302 T 19891209; ES 89122766 T 19891209; JP 74590 A 19900108; US 46028289 A 19891229