

Title (en)
GRIPPERS FOR A PRINTING MACHINE

Publication
EP 0272469 B1 19910508 (DE)

Application
EP 87117258 A 19871124

Priority
DE 3644484 A 19861224

Abstract (en)
[origin: US4846061A] A gripper device for a printing machine for handling sheet-shaped material with a gripper shaft swivellable about its longitudinal axis and a gripper finger firmly connected to the gripper shaft so that a gripper point thereof is movable away from a gripper support when the gripper shaft is swivelled in a first direction, is initially displaceable into contact with the gripper support when the gripper shaft is swivelled in a second direction opposite to the first direction, and is capable of exerting a holding force on the gripper support when the gripper shaft is swivelled farther in the second direction, and a device for adjusting contact between the gripper point and the gripper support includes a resilient section forming a part of the gripper finger and connected to the gripper point, the resilient section having neutral fibers and formed as at least one resilient rod extending substantially in the direction of a plane determined by the longitudinal axis of the gripper shaft and by the gripper point.

IPC 1-7
B41F 21/04; B65H 5/14

IPC 8 full level
B41F 21/04 (2006.01); **B41F 21/10** (2006.01); **B65H 5/14** (2006.01)

CPC (source: EP US)
B41F 21/04 (2013.01 - EP US); **B41F 21/104** (2013.01 - EP US); **B65H 5/14** (2013.01 - EP US)

Cited by
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EP 0272469 A2 19880629; EP 0272469 A3 19890104; EP 0272469 B1 19910508; AU 599440 B2 19900719; AU 8196087 A 19880630; CA 1297510 C 19920317; CN 1005546 B 19891025; CN 87101186 A 19880706; DE 3644484 A1 19880707; DE 3644484 C2 19890727; DE 3769949 D1 19910613; JP 2628873 B2 19970709; JP S63168355 A 19880712; US 4846061 A 19890711

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