

Title (en)

In-feed gripper for rotary sheet printing machines

Title (de)

Vorgreifer für Bogenrotationsdruckmaschinen

Title (fr)

Pince préliminaire pour machines rotatives d'impression pour feuilles

Publication

EP 0709186 B1 19980422 (DE)

Application

EP 95116071 A 19951012

Priority

DE 4438757 A 19941029

Abstract (en)

[origin: EP0709186A1] The gripper comprises a stop bar, a shaft, and a bridge consisting of a large number of individual grips. One apex (8) is formed on the cylinder (7) where the curvature is sharpest, and a second one (15) where the curvature is more gradual. The bridge (2, 4, 5) is near the first apex, and the axis of rotation (9) near the second one. There can be a rib (3) on the cylinder near the first apex, and with which the bridge works. The wall thickness of the cylinder can increase from the first apex to the second one. There can be communicating apertures (16) in the cylinder, extending in the axial direction.

IPC 1-7

B41F 21/05

IPC 8 full level

B41F 21/05 (2006.01)

CPC (source: EP US)

B41F 21/05 (2013.01 - EP US)

Cited by

DE10332672A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0709186 A1 19960501; EP 0709186 B1 19980422; AT E165276 T1 19980515; DE 4438757 A1 19960502; DE 4438757 C2 19970911; DE 59501980 D1 19980528; JP 2918094 B2 19990712; JP H08207246 A 19960813; US 5575209 A 19961119

DOCDB simple family (application)

EP 95116071 A 19951012; AT 95116071 T 19951012; DE 4438757 A 19941029; DE 59501980 T 19951012; JP 27888495 A 19951026; US 54810295 A 19951025