

Title (en)
SHEET GRIPPER FOR PRINTING MACHINE

Publication
EP 0152553 A3 19860129 (DE)

Application
EP 84114016 A 19841120

Priority
DE 8404981 U 19840218

Abstract (en)
[origin: US4592279A] A sheet gripper for the delivery system of a printing machine or the like includes a clamp member adapted to be secured on a pivotable gripper shaft, and a gripper finger mounted resiliently on the clamp member and adapted to be brought into contact with a sheet to be gripped during pivoting of the gripper shaft. The clamp member is made of two sheet-metal parts and includes a base member and a bottom part, which are adapted to be hooked into engagement with one another on one side of the shaft and connected together by a mounting screw on the other side of the shaft to secure the clamp member on the gripper shaft. The gripper finger is also secured on the base member at one end by means of the mounting screw and is adjustable by means of a set screw threadably received in the base member approximately at the other end thereof. The gripper finger is made of spring steel and is pre-stressed to a specific spring force by means of a dimensioned recess and has a guide slot formed therein in which a lug formed on the base member is disposed to guide the gripper finger relative to the base member.

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 21/104 (2013.01 - EP US); **B65H 5/14** (2013.01 - EP US); **Y10T 403/7111** (2015.01 - EP US); **Y10T 403/7129** (2015.01 - EP US)

Citation (search report)
• [Y] US 2906204 A 19590929 - LUEHRS HANS J
• [Y] LU 42850 A1 19630315
• [A] DE 3015237 A1 19810226 - POLYGRAPH LEIPZIG
• [A] FR 2035365 A5 19701218 - ROLAND OFFSETMASCHF
• [A] US 1483057 A 19240205 - WARSEN AUGUST W

Cited by
US5396842A; EP1103376A1; EP0272469A3; DE3644484A1; DE4315844A1; DE4315844C2; DE102011085562A1; DE102011085563A1; DE102011085563B4

Designated contracting state (EPC)
AT CH FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0152553 A2 19850828; **EP 0152553 A3 19860129**; **EP 0152553 B1 19880608**; AT E34938 T1 19880615; DE 8404981 U1 19840510; JP H0449465 B2 19920811; JP S60190359 A 19850927; US 4592279 A 19860603

DOCDB simple family (application)
EP 84114016 A 19841120; AT 84114016 T 19841120; DE 8404981 U 19840218; JP 2851785 A 19850218; US 70193385 A 19850215