

Title (en)  
In-feed gripper having a gripper system

Title (de)  
Vorgreifer mit einem Greifersystem

Title (fr)  
Pince préliminaire comprenant un système de préhension

Publication  
**EP 1356931 A3 20040714 (DE)**

Application  
**EP 03006268 A 20030321**

Priority  
DE 10218204 A 20020424

Abstract (en)  
[origin: EP1356931A2] The pregripper (8) for a printing machine transfers sheets between a lay on table (4) and a cylinder (9) sheet holder has at least one gripper abutment rail and a gripper finger. The pregripper is positioned below the sheet feed path through the rail and finger. The feed path (27) is concave and the movement of the gripper back to the lay on table is spaced below the sheet feed path.

IPC 1-7  
**B41F 21/05**

IPC 8 full level  
**B41F 21/05** (2006.01)

CPC (source: EP)  
**B41F 21/05** (2013.01)

Citation (search report)

- [AD] EP 1136262 A2 20010926 - ROLAND MAN DRUCKMASCH [DE]
- [A] FR 1312813 A 19621221 - MASCHF AUGSBURG NUERNBERG AG
- [A] US 3839959 A 19741008 - ABENDROTH P
- [A] US 4370928 A 19830201 - WEISBACH GUENTER [DD], et al
- [A] US 5749572 A 19980512 - FRICKE ANDREAS [DE], et al & DE 10013006 A1 20010927 - ROLAND MAN DRUCKMASCH [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1356931 A2 20031029; EP 1356931 A3 20040714; EP 1356931 B1 20060222**; DE 10218204 A1 20031106; DE 50302447 D1 20060427

DOCDB simple family (application)  
**EP 03006268 A 20030321**; DE 10218204 A 20020424; DE 50302447 T 20030321