

Title (en)

Feeding unit for a sheet processing machine

Title (de)

Anlegeeinheit für eine Bogenverarbeitungsmaschine

Title (fr)

Unité d'alimentation pour une machine de traitement de feuilles

Publication

**EP 1072409 A3 20020529 (DE)**

Application

**EP 00113835 A 20000630**

Priority

DE 19933304 A 19990716

Abstract (en)

[origin: US6349641B1] A feeder unit for a sheet-processing machine having a plurality of processing units is provided. The feeder unit includes a feeder, a feed table, and a feed drum. The feed drum is double-sized or larger in that it has a diameter at least twice that of the diameter of the plate or blanket cylinder of at least one of the processing units of the sheet-processing machine. The feed drum includes at least two gripper systems distributed symmetrically on a periphery of the feed drum. The feed drum is arranged with its rotational axis on or offset vertically above a horizontal plane formed by the rotational axes of the printing cylinders in the processing units. Each gripper system is pivotally supported on the feed drum and includes a gripper shaft, at least one gripper arranged on the gripper shaft, a gripper stop bar associated with the gripper, and a front guide arranged on the gripper stop bar.

IPC 1-7

**B41F 21/05**; **B41F 21/00**

IPC 8 full level

**B41F 21/00** (2006.01); **B41F 21/05** (2006.01); **B65H 3/00** (2006.01)

CPC (source: EP US)

**B41F 21/05** (2013.01 - EP US)

Citation (search report)

- [A] EP 0563746 A1 19931006 - KOENIG & BAUER AG [DE]
- [A] DE 3810787 A1 19881103 - POLYGRAPH LEIPZIG [DD]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

**US 61591600 A 20000713**; AT 00113835 T 20000630; DE 19933304 A 19990716; DE 50004624 T 20000630; EP 00113835 A 20000630; JP 2000202778 A 20000704