

Title (en)

Feeding device for printing sheets

Title (de)

Druckbogenanleger für Papierbögen

Title (fr)

Margeur de feuilles pour machines à imprimé

Publication

**EP 0749927 B1 20000823 (DE)**

Application

**EP 96810401 A 19960617**

Priority

CH 182595 A 19950622

Abstract (en)

[origin: EP0749927A1] The operation involves supplying sheets of paper  $\text{Ä6Ü}$  in a magazine stack to be extracted singly from the base using air jets  $\text{Ä4Ü}$  and a blade  $\text{Ä5Ü}$  for separation. Sheets are pushed  $\text{Ä7Ü}$  into the collector  $\text{Ä16Ü}$  of a rotary handling unit  $\text{Ä15Ü}$ . Optical sensors  $\text{Ä10,11,12Ü}$  monitor the operation of the system and provide inputs to a controller that has a learning ability. Individual regulator stages  $\text{ÄCÜ}$  connect with the controller and apply corrections to the actuator motors  $\text{ÄM1-MnÜ}$ .

IPC 1-7

**B65H 43/00**

IPC 8 full level

**B41F 13/54** (2006.01); **B41F 33/00** (2006.01); **B41F 33/16** (2006.01); **B65H 43/00** (2006.01)

CPC (source: EP US)

**B65H 5/12** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 43/00** (2013.01 - EP US)

Cited by

DE102011120994A1; CN102344046A; CN117734332A; US9415969B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 0749927 A1 19961227**; **EP 0749927 B1 20000823**; DE 59605784 D1 20000928; JP H0924605 A 19970128; US 6175775 B1 20010116

DOCDB simple family (application)

**EP 96810401 A 19960617**; DE 59605784 T 19960617; JP 14028296 A 19960603; US 66363596 A 19960614