

Title (en)
DEVICE FOR ALIGNING SHEETS

Title (de)
VORRICHTUNG ZUM AUSRICHTEN VON BLÄTTERN

Title (fr)
DISPOSITIF POUR ALIGNER DES FEUILLES

Publication
EP 1129020 B1 20030604 (DE)

Application
EP 99950769 A 19991022

Priority
• DE 19848972 A 19981023
• EP 9908017 W 19991022

Abstract (en)
[origin: DE19848972A1] The invention relates to a device for aligning sheets. In said device, a fly forces the sheets against two stops which are arranged at a right angle relative to each other. According to a first embodiment of the invention, the fly can be adjusted about an axis perpendicular to the sheet plane so that the sheet is forced against both stops at the same time. According to a second embodiment of the invention, two flies are provided and enclose an angle in the range of 30 DEG to 60 DEG so that the sheets are forced against both stops. The inventive device provides a means for reliably stacking and aligning sheets of various weights, roughnesses and sizes at a high rate (\geq 80 sheets/min).

IPC 1-7
B65H 1/00

IPC 8 full level
B65H 1/00 (2006.01); **B65H 31/34** (2006.01)

CPC (source: EP US)
B65H 31/34 (2013.01 - EP US); **B65H 2404/1114** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
DE 19848972 A1 20000504; **DE 19848972 C2 20020829**; DE 59905878 D1 20030710; EP 1129020 A2 20010905; EP 1129020 B1 20030604; US 6676124 B1 20040113; WO 0024659 A2 20000504; WO 0024659 A3 20001116

DOCDB simple family (application)
DE 19848972 A 19981023; DE 59905878 T 19991022; EP 9908017 W 19991022; EP 99950769 A 19991022; US 83013601 A 20010423