

Title (en)
CONTINUOUS PAPER SORTING MACHINE

Publication
EP 0005040 B1 19821215 (EN)

Application
EP 79300624 A 19790412

Priority
US 89727278 A 19780417

Abstract (en)
[origin: EP0005040A1] Continuous paper sorter mechanism in which a receiver section 14 is mounted for lateral movement relative to a feeder mechanism 10 which has an in-feed conveyor 18 which takes paper from a copy making device 12 and feeds the paper either to an intermediate downwardly inclined conveyor 26 or onto an intermediate upwardly inclined conveyor 24, depending on whether the feeder 10 is distributing paper from the top or from the bottom. Sheets from the intermediate conveyors 24 and 26 in turn are transported to a generally vertically disposed, reversible feeder conveyor. The feeder conveyor is provided with a plurality of two-way deflectors which intercept the sheets and direct them off the conveyor moving either downwardly or upwardly. A deflector guide section is disposed between the deflectors and the entrances of the bins in the receiver. A proof tray mechanism 20 is also provided over the in-feed conveyor 18.

IPC 1-7
B65H 31/24

IPC 8 full level
B65H 39/11 (2006.01)

CPC (source: EP)
B65H 39/11 (2013.01); **B65H 2408/111** (2013.01)

Cited by
EP0057463A1; FR2499040A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0005040 A1 19791031; EP 0005040 B1 19821215; AU 4614579 A 19791101; CA 1132082 A 19820921; DE 2964247 D1 19830120; JP S54152522 A 19791130

DOCDB simple family (application)
EP 79300624 A 19790412; AU 4614579 A 19790417; CA 325556 A 19790417; DE 2964247 T 19790412; JP 4784179 A 19790417