Title (en)

DEVICE FOR SEPARATING PILED PAPER SHEETS

Publication

EP 0332828 B1 19920422 (DE)

Application

EP 89101674 A 19890201

Priority

CH 101788 A 19880317

Abstract (en)

[origin: EP0332828A1] The device comprises a rotary feeder (1) whose satellites (37) can be moved over a circular path from a transfer station (27) to a delivery station (28), a despatch conveyor (2) adjoining the delivery station (28) taking the paper sheets from the satellites (37). So that the paper sheets of different format can be separated irrespective of output, it is provided that the despatch conveyor (2) be provided with grippers (35) arranged at regular intervals and have the same direction of movement (25) as the rotary feeder (1) in the region of the delivery station (28). The circumferential speed of the rotary feeder (1) on the one hand and the speed of the despatch conveyor (2) on the other hand are adapted to one another in such a way that each satellite (37) is accompanied by a gripper (35) being simultaneously guided past the delivery station (28). At the delivery station (28), the grippers (35) in each case face the sheet-delivering satellite (37) and engage with the paper sheets ejected from the satellites (37). <IMAGE>

IPC 1-7

B65H 3/08; B65H 3/42; B65H 5/12

IPC 8 full level

B65H 3/08 (2006.01); **B65H 3/42** (2006.01); **B65H 5/08** (2006.01); **B65H 5/12** (2006.01)

CPC (source: EP US)

B65H 3/085 (2013.01 - EP US); **B65H 3/42** (2013.01 - EP US); **B65H 5/12** (2013.01 - EP US); B65H 2403/543 (2013.01 - EP US); B65H 2406/3312 (2013.01 - EP US)

Citation (examination)

- DD 103207 A1 19740112
- US 2903260 A 19590908 - FAEBER HARRY W

Cited by

US6196538B1; EP0628505A1; US5542656A; EP1055620A1; EP0657375A1; US5658422A; US5472184A; WO0132539A1; EP0965547A1; EP1020385B1

Designated contracting state (EPC)

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