

Title (en)

APPARATUS FOR FEEDING SHEETS IN REGISTER

Publication

EP 0120349 B2 19910821 (DE)

Application

EP 84102304 A 19840303

Priority

DE 3311197 A 19830326

Abstract (en)

[origin: ES8500600A1] An apparatus for in-register feeding a sheet into a sheet-processing machine by conveying the sheet in a given feed direction over a feed table includes front lays engageably by a leading edge of the sheet for aligning the leading edge of the sheet, a pair of said pull-type lays located in the feed table respectively on mutually opposite operator and drive sides of the feed table at a slight spacing from the front lays, both the side lays being movable in the plane of the feed table transversely to the given feed direction of the sheet, a device for driving at least one of the side lays, a device for positioning the sheet having at least one sensor for controlling a displacement stroke of the driven side lay, an air control device connected to a vacuum generator and to both of the side lays for controlling suction air flow to the side lays, at least one of the side lays having a device for applying suction to the sheet until static friction is assured preparatory to aligning a respective lateral edge of the sheet, and a method for carrying out the operation.

IPC 1-7

B65H 9/10

IPC 8 full level

B41F 21/14 (2006.01); **B65H 9/00** (2006.01); **B65H 9/08** (2006.01); **B65H 9/10** (2006.01)

CPC (source: EP US)

B65H 9/105 (2013.01 - EP US)

Cited by

GB2293598A; US5624111A; GB2293598B

Designated contracting state (EPC)

BE CH DE FR IT LI NL SE

DOCDB simple family (publication)

EP 0120349 A2 19841003; **EP 0120349 A3 19860423**; **EP 0120349 B1 19880928**; **EP 0120349 B2 19910821**; AU 2468884 A 19840927; AU 565428 B2 19870917; BR 8401351 A 19841030; CA 1207348 A 19860708; DE 3311197 A1 19841004; DE 3311197 C2 19880714; DE 3474288 D1 19881103; DK 161376 B 19910701; DK 161376 C 19911209; DK 62784 A 19840927; DK 62784 D0 19840213; ES 530953 A0 19850601; ES 530954 A0 19841116; ES 8500600 A1 19841116; ES 8505195 A1 19850601; GB 2136778 A 19840926; GB 2136778 B 19860813; GB 8406538 D0 19840418; JP H0126978 B2 19890526; JP S59186846 A 19841023; MX 158295 A 19890120; NO 841151 L 19840927; US 4591143 A 19860527; ZA 84808 B 19840926

DOCDB simple family (application)

EP 84102304 A 19840303; AU 2468884 A 19840217; BR 8401351 A 19840326; CA 447457 A 19840215; DE 3311197 A 19830326; DE 3474288 T 19840303; DK 62784 A 19840213; ES 530953 A 19840323; ES 530954 A 19840323; GB 8406538 A 19840313; JP 5642984 A 19840326; MX 20076584 A 19840323; NO 841151 A 19840323; US 59364784 A 19840326; ZA 84808 A 19840202