

Title (en)

Device and method for subdividing a stream of signatures

Title (de)

Vorrichtung und Verfahren zum Aufteilen eines Stromes aus Signaturen

Title (fr)

Dispositif et méthode pour scinder un courant de cahiers

Publication

EP 0936169 A3 20000531 (DE)

Application

EP 99100357 A 19990114

Priority

US 2064498 A 19980209

Abstract (en)

[origin: EP0936169A2] The distributor divides the signatures into a main and at least two part-streams (5,6). At least one pair (12) of signatures (2) is conveyed by an angled conveyor (3) from a main stream (30) at an angle into a direction at an angle to the original direction. Another conveyor conveys the pair of signatures into another direction. A side stage is between the two pairs of signatures. The deflector (40) conveys the signature into the first part-stream after the side stage has been made. The angled conveyor has a top (16) conveyor belt with conveyor elements (17) and a bottom belt.

IPC 1-7

B65H 29/66; **B65H 29/60**

IPC 8 full level

B65H 29/66 (2006.01)

CPC (source: EP US)

B65H 29/6654 (2013.01 - EP US); **B65H 29/6672** (2013.01 - EP US); **B65H 2301/34112** (2013.01 - EP US); **B65H 2301/44472** (2013.01 - EP US)

Citation (search report)

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- [Y] WO 9413567 A1 19940623 - GRAPHA HOLDING AG [CH], et al
- [Y] DE 2417614 A1 19751023 - GRUNER & JAHR
- [A] EP 0091582 A1 19831019 - FRANKENTHAL AG ALBERT [DE]
- [A] CH 677480 A5 19910531 - FERAG AG
- [A] CH 667858 A5 19881115 - ROLAND MAN DRUCKMASCH

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Designated contracting state (EPC)

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DE 19901142 A1 19990812; CN 1225889 A 19990818; DE 59905385 D1 20030612; EP 0936169 A2 19990818; EP 0936169 A3 20000531; EP 0936169 B1 20030507; JP H11263506 A 19990928; US 6158735 A 20001212

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DE 19901142 A 19990114; CN 99100121 A 19990112; DE 59905385 T 19990114; EP 99100357 A 19990114; JP 2999599 A 19990208; US 2064498 A 19980209