

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
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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