

Title (en)

DEVICE FOR SORTING OUT FAULTY FOLDED PRODUCTS IN ROTARY ROLLER PRINTING PRESSES

Publication

**EP 0011697 B1 19820804 (DE)**

Application

**EP 79103818 A 19791005**

Priority

DE 2848010 A 19781106

Abstract (en)

[origin: US4283048A] Device for separating out copies in web-fed rotary printing machines at a delivery of a folding apparatus having a main conveyor belt whereon a stream of folded copies are transported in overlapping, fish scale-like arrangement includes a roller pair adjacent the main conveyor belt for deflecting the stream of copies in a fanned-out manner, the deflecting roller pair including one deflecting roller rotatably supporting the main conveyor belt and another deflecting roller located upstream of the one deflecting roller and disposed in substantially horizontal alignment therewith, the other deflecting roller being engageable with the main conveyor belt so as to deflect it and the stream of copies in downward direction, a short additional conveyor belt drivingly engaged by the other deflecting roller and swingable about the other deflecting roller into a normal operating position thereof for transporting properly printed copies to a delivery system and also swingable about the other deflecting roller into another operating position thereof for transporting spoiled copies to a distribution belt, a tensioning roller rotatably supporting the short additional conveyor belt and swingable therewith about the other deflecting roller, a linkage system comprising a rocker lever and a coupling bar coupling the rocking lever to the tensioning lever, a separating roller carried by the rocking lever at a free end thereof and being swingable in among the fanned-out copies by the linkage system as the short additional conveyor belt is swung about the other deflecting roller into the other operating position.

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IPC 8 full level

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CPC (source: EP US)

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**US 4283048 A 19810811**; AT E1414 T1 19820815; CA 1124686 A 19820601; DE 2848010 B1 19800131; DE 2848010 C2 19801002; DE 2963504 D1 19820930; DK 144119 B 19811214; DK 144119 C 19820601; DK 465179 A 19800507; EP 0011697 A1 19800611; EP 0011697 B1 19820804; JP S5566450 A 19800519; JP S5614581 B2 19810404

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