

Title (en)

SHEET TAIL CATCHING DEVICE IN A SHEET DELIVERY SYSTEM

Publication

**EP 0432411 A3 19910904 (DE)**

Application

**EP 90119793 A 19901016**

Priority

DE 3937945 A 19891115

Abstract (en)

[origin: EP0432411A2] A sheet tail catching device for sheet delivery systems having a non-stop auxiliary stacking device on sheet rotation printing machines is described, in which a plurality of catching fingers (5) which are arranged at a distance from one another at the same height can be moved backwards and forwards parallel to the course of the sheets by means of a motor drive in a guide (11) when the auxiliary stacking device is used and are effective in conjunction with a suction roller (7). The catching fingers (5) are arranged below this suction roller (7) between stacking stops (10) for the rear edge of the stacked sheets (1), said sheets extending above the height of the auxiliary stack as far as the suction roller (7) and having a common drive element (12) with mechanical transmission elements (13-16) which are coupled to the catching fingers (5). <IMAGE>

IPC 1-7

**B65H 31/32**

IPC 8 full level

**B65H 31/32** (2006.01)

CPC (source: EP US)

**B65H 31/32** (2013.01 - EP US); **B65H 2301/42622** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

Citation (search report)

- [XD] DE 2935710 A1 19800320 - DAINIPPON PRINTING CO LTD
- [Y] FR 2310219 A1 19761203 - HEIDELBERGER DRUCKMASCH AG [DE]
- [Y] US 3419266 A 19681231 - MARTIN MERRILL D
- [A] FR 1036718 A
- [A] VAN DER HAEGEN G. 'LES MOUVEMENTS MECANQUES CLASSES EN VUE DE FAVORISER LES INVENTIONS' 1957 , EDITIONS TECHNIQUES BIELEVELD , BRUXELLES

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