

Title (en)

Method and arrangement for group-dividing of folded printed matter

Title (de)

Verfahren und Anordnung zum Aufteilen gefaltener Druckprodukte in Gruppen

Title (fr)

Méthode et arrangement pour diviser en groupe des produits d'impression pliés

Publication

EP 0987207 A1 20000322 (EN)

Application

EP 99610041 A 19990729

Priority

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Abstract (en)

For the temporary blocking of a flow of folded newspapers which are fed in overlapping scale formation on a conveyor belt, e.g. for the bundling of the newspapers, it is known to introduce a stop element down against the upper side of the newspaper track, so that the following newspapers are held back, while the underlying newspapers continue to be conveyed away from the relevant overlapping area. This can give rise to distinct smudging effects, which with the invention are avoided in that at the lower end of the stop element (32) there is provided a sheet tongue (34) which is inclined slightly downwards and which extends outwards against the newspaper flow, and which when the stop element is lowered will wedge itself in under the front edge of the next following newspaper, and hereby absorb a great part of the weight load of the overlying newspapers down against the newspapers which continue to be fed. The stop element is preferably introduced in the longitudinal direction of the sheet tongue, so that when deactivated the sheet tongue is quickly retracted substantially in the direction in which the newspapers are conveyed, whereby the newspapers which have been blocked are immediately released for further feeding forward. <IMAGE>

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IPC 8 full level

B65H 33/12 (2006.01)

CPC (source: EP)

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Citation (search report)

- [YA] GB 1009263 A 19651110 - VERKST SAKTIEBOLAGET MEKANO
- [Y] US 3948153 A 19760406 - DUTRO ORVILLE V, et al
- [A] US 3768382 A 19731030 - ZERNOV P, et al
- [A] FR 2675488 A1 19921023 - KOMORI CHAMBON [FR]
- [A] US 4934687 A 19900619 - HAYDEN WILLIAM [US], et al
- [A] PATENT ABSTRACTS OF JAPAN vol. 004, no. 045 (M - 006) 9 April 1980 (1980-04-09)

Cited by

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