

Title (en)

DEVICE FOR TRANSPORTING MULTILAYER AND MARGIN-PERFORATED RECORDING SUPPORTS

Publication

EP 0430381 A3 19910925 (DE)

Application

EP 90250251 A 19901004

Priority

DE 3939507 A 19891127

Abstract (en)

[origin: US5061096A] A device for the transport of multilayer, edge-perforated imprint-receiving substrates (8) takes into consideration a curve-shaped transport path (9), wherein a thrust tractor pair (5) is disposed in front and ahead of a substrate support (2), as seen in transport direction (10). Several friction roller pairs are following to the thrust tractor pair (5). In each case, a pulling force is transferrable by way of at least one friction roller. The multilayer imprint-receiving substrate (8) rests with its rear layer (8a) on the substrate support (2). A tearing of the edge perforations of the imprint-receiving substrate (8) as well as belly and bulge formations of one of the two layers (8a, 8b) is avoided by furnishing the push tractor (5) with a braking element (19) for the front layer (8b). A following first friction roller pair (11) rests with a driven friction roller (11a) at the front layer (8b). This friction roller (11a) performs a slightly smaller motion path per time unit relative to the counter friction roller (11b). However, the counter friction roller (11b), resting at the rear layer (8a), performs a slightly larger motion path relative to the tractor advance path.

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IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [A] US 4652160 A 19870324 - LOHRMANN GERHARD [DE]
- [A] FR 2286003 A1 19760423 - HONEYWELL INF SYSTEMS ITALIA [IT]
- [AD] DE 3607080 A1 19870910 - MANNESMANN AG [DE]
- [A] US 4682904 A 19870728 - YOSHIMURA MASATO [JP], et al
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