

Title (en)
INDIVIDUAL SHEET STACKING DEVICE FOR PRINTERS.

Title (de)
EINZELBLATT-ABLEGEVORRICHTUNG FÜR DRUCKEINRICHTUNGEN ZUM AUFBAU EINES STAPELS AUS EINZELBLÄTTERN.

Title (fr)
DISPOSITIF D'EMPLIAGE DE FEUILLES INDIVIDUELLES POUR DISPOSITIFS D'IMPRESSION.

Publication
EP 0575352 B1 19950510 (DE)

Application
EP 92904334 A 19920205

Priority

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- EP 91102704 A 19910225
- EP 9200256 W 19920205

Abstract (en)
[origin: WO9214668A1] A stacking device for printers forms a stack (20/1, 20/2) of individual sheets (13). The stacking device has two individual sheet transport systems designed as roller cages (1/1, 1/2) coaxially arranged next to each other. Each roller cage (1/1, 1/2) has at its periphery roller-shaped transport elements (3) that extend in the axial direction of the roller cages (1/1, 1/2) and that are mutually separated by gaps. The roller cages surround separate individual partial deposit surfaces (7/1, 7/2) that form together a common, inner deposit surface for receiving the individual sheets (10) to be stacked and that crosses both roller cages (1/1, 1/2). By moving in opposite directions the roller cages (1/1, 1/2) centrally grip the individual sheets (10) to be stacked and transport them to a stacking position arranged above or below the roller cages (1/1, 1/2). At the same time, the transport elements (3) designed as transport rollers roll on the individual sheets (10) or on packets of individual sheets. A stacking device for individual sheets is thus obtained that allows stacks to be formed from the bottom to the top or from the top to the bottom.

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