

Title (en)  
RECORD CARRIER UNLOADING DEVICE

Publication  
**EP 0054327 A3 19831214 (DE)**

Application  
**EP 81201334 A 19811209**

Priority  
DE 3047277 A 19801216

Abstract (en)  
[origin: US4447167A] A stacking device for stacking data carriers, especially multi-sheet forms, either face up or face down by selecting the orientation of a reversible, detachable magazine. The carriers are ejected between symmetrically arranged feed rollers. A pivoting diverter, and moderately spring-biased guides extending between the feed roller shafts, direct an ejected carrier over that feed roller which is on the selected side of the plane of symmetry of the feed rollers.

IPC 1-7  
**B41J 13/00**; **B65H 31/22**; **B41J 11/58**

IPC 8 full level  
**B41J 11/58** (2006.01); **B41J 13/00** (2006.01); **B41J 13/10** (2006.01); **B65H 31/22** (2006.01)

CPC (source: EP US)  
**B41J 11/58** (2013.01 - EP US); **B41J 13/106** (2013.01 - EP US); **B65H 31/06** (2013.01 - EP US); **B65H 31/14** (2013.01 - EP US)

Citation (search report)

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- [A] FR 2422504 A1 19791109 - STEINHILBER HELMUT [DE]
- [AD] DE 2222596 A1 19731129 - KIENZLE APPARATE GMBH
- [AD] DE 2606697 A1 19770901 - PHILIPS PATENTVERWALTUNG
- [X] IBM TECHNICAL DISCLOSURE BULLETIN, Band 23, Nr. 7B, Dezember 1980, Seite 3077, New York, USA

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Designated contracting state (EPC)  
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**EP 0054327 A2 19820623**; **EP 0054327 A3 19831214**; **EP 0054327 B1 19860312**; DE 3047277 A1 19820715; DE 3174096 D1 19860417; US 4447167 A 19840508

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