

Title (en)

Device for separating piled, printed products

Title (de)

Einrichtung zum Vereinzeln gestapelter Druckereiprodukte

Title (fr)

Dispositif pour séparer des produits imprimés empilés

Publication

EP 0628505 B1 19970723 (DE)

Application

EP 94107299 A 19940510

Priority

CH 154293 A 19930521

Abstract (en)

[origin: EP0628505A1] The device has suction heads (18) anchored on a continuously rotating rotor (10) by means of a pivoting arm (20) in each case. The pivoting arms (20) are driven in respect of their pivoting position by means of a pivoting drive (44), which is superimposed on the rotary drive (14, 16) of the rotor (10), in such a way that they move into the transfer position in thrust operation and leave this position in trailing operation. At the point of reversal, the suction heads have time to become attached to the edge of the respective outermost product; by means of their tilting movement at the point of reversal, the product edge picked up is clearly and reliably separated from the adjacent product. In conjunction with a removal device having circulating grippers following on from one another, the edge of the products is placed in the grippers (58) by the suction heads (18) which are pivoted during the circulation. <IMAGE>

IPC 1-7

B65H 5/14

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE19627830B4; CH692617A5; EP1055620A1; EP0937670A1; EP0863099A1; US6186500B1

Designated contracting state (EPC)

CH DE DK FR GB IT LI SE

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EP 0628505 A1 19941214; **EP 0628505 B1 19970723**; DE 59403428 D1 19970828; DK 0628505 T3 19980223; JP 3427327 B2 20030714; JP H0753073 A 19950228; US 5542656 A 19960806

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