

Title (en)
Sorting equipment exit

Title (de)
Sortieranlagenabgang

Title (fr)
Sortie d'installation de tri

Publication
EP 0631827 B2 20030326 (DE)

Application
EP 94108992 A 19940613

Priority
CH 194293 A 19930629

Abstract (en)
[origin: EP0631827A2] The sorting exit contains a vertical fall duct (4) and, following this, a guide duct (10) which leads to a collecting container. The fall duct (4) opens into a deflection part (11) which forms part of the guide duct (10) and consists of at least two deflection surfaces (13) inclined in relation to one another and to the fall duct. Preferably, the collecting containers are arranged in three planes one above the other and corresponding sorting exits (S1, S2, S3) are provided in the three planes. Use for sorting photographic order bags, the order bags being deposited in the collecting containers in an ordered stack. <IMAGE>

IPC 1-7
B07C 3/06

IPC 8 full level
B07C 3/06 (2006.01)

CPC (source: EP)
B07C 3/06 (2013.01); **B65H 2404/6922** (2013.01)

Citation (opposition)
Opponent :

- EP 0332590 A1 19890913 - START SRL [IT]
- FR 2425280 A1 19791207 - TISSMETAL LIONEL DUPONT [FR]
- EP 0503403 A1 19920916 - SINOMEC AG [CH]
- US 2115805 A 19380503 - FULLER FREDERICK L
- WO 8809224 A1 19881201 - SLIDE MANAGEMENT SYSTEMS INC [US]
- EP 0521394 A2 19930107 - ALCATEL ITALIA [IT]
- US 4688678 A 19870825 - ZUE JAMES R [US], et al
- DE 3013315 A1 19810326 - CANZIANI FRANCESCO

Cited by
EP1031386A1; FR2790250A1; US6634485B1

Designated contracting state (EPC)
AT BE CH DE DK FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0631827 A2 19950104; EP 0631827 A3 19950222; EP 0631827 B1 19980902; EP 0631827 B2 20030326; EP 0631827 B9 20040303;
AT E170432 T1 19980915; CH 688127 A5 19970530; DE 59406806 D1 19981008

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