

Title (en)
SHEET SORTER.

Publication
EP 0624538 A3 19941207 (EN)

Application
EP 94111474 A 19901017

Priority
• EP 90119912 A 19901017
• JP 27114689 A 19891018

Abstract (en)
[origin: EP0423758A2] The present invention provides a sheet sorting apparatus (1) comprising plural bins trays (B1-Bn); bin tray moving means (42, 43a) for moving said bin trays (B1-Bn) stepwise to cause each of the bin trays (B1-Bn) to face a sheet receiving position; and control means (110) for controlling the operating speed of said bin tray moving means (42, 43a) according to sheet transporting information of an image forming apparatus to be connected to said sorting apparatus (1), in such a manner that said bin tray moving means (42, 43) can be operated in continuous manner even during the discharge of a sheet (P) into a bin tray (B).

IPC 1-7
B65H 39/11; **B65H 31/24**

IPC 8 full level
B65H 39/11 (2006.01)

CPC (source: EP)
B65H 39/11 (2013.01); **B65H 2403/511** (2013.01); **B65H 2408/113** (2013.01); **B65H 2408/1141** (2013.01)

Citation (search report)
• [X] US 4854571 A 19890808 - KITAJIMA TADAYUKI [JP], et al
• [A] EP 0301595 A2 19890201 - CANON KK [JP]
• [A] US 4512565 A 19850423 - MATSUMOTO HIROSHI [JP], et al
• [A] US 4214746 A 19800729 - CALDWELL ALISTAIR J [US], et al

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0423758 A2 19910424; **EP 0423758 A3 19920102**; **EP 0423758 B1 19960410**; DE 69026459 D1 19960515; DE 69026459 T2 19961114; DE 69033439 D1 20000302; DE 69033439 T2 20000706; EP 0624538 A2 19941117; EP 0624538 A3 19941207; EP 0624538 B1 20000126; EP 0822156 A2 19980204; EP 0822156 A3 19980211; JP H03133875 A 19910607; JP H089453 B2 19960131

DOCDB simple family (application)
EP 90119912 A 19901017; DE 69026459 T 19901017; DE 69033439 T 19901017; EP 94111474 A 19901017; EP 97114485 A 19901017; JP 27114689 A 19891018