

Title (en)
STACKED SHEET SEPARATING DEVICE

Title (de)
BLATTSTAPELVORANLEGEVORRICHTUNG

Title (fr)
DISPOSITIF DE SEPARATION DE FEUILLES EMPILEES

Publication
EP 0813496 B1 19981216 (DE)

Application
EP 97905020 A 19970213

Priority
• DE 19606833 A 19960223
• EP 9700677 W 19970213

Abstract (en)
[origin: DE19606833A1] A stacked sheet separating device comprises a sheet guide (2) to accept a stack (3) of sheets, a buffer section (4), a steam feeder (5) for extracting sheets in stacks and/or plies from the bottom of the stack (3) in the sheet guide (2) and taking them in a first direction of movement into the buffer section (4), a sheet separator (6) for individually extracting the lowest sheet from the buffer section (4) in a second direction of movement substantially opposite to the first and a guide device (13) in the buffer section (4) to guide the leading edge of the sheets in said buffer section (4) in the second direction of movement, in which the guide device (13) is constructed in such a way that it moves the leading edges of the sheets in the second direction of movement within the buffer section (4) to the sheet separator (6).

IPC 1-7
B65H 3/06; **B65H 3/04**; **B65H 3/60**

IPC 8 full level
B65H 83/02 (2006.01); **B65H 1/30** (2006.01); **B65H 3/04** (2006.01); **B65H 3/06** (2006.01); **B65H 3/60** (2006.01)

CPC (source: EP US)
B65H 3/042 (2013.01 - EP US); **B65H 3/063** (2013.01 - EP US); **B65H 3/60** (2013.01 - EP US); **B65H 83/02** (2013.01 - EP US)

Cited by
DE102013106807A1; EP2818440A1; EP2815994A1; DE102013106486A1; US9394122B2; DE102013106486B4

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
DE 19606833 A1 19970904; CA 2230559 A1 19970828; CA 2230559 C 20021126; DE 59700050 D1 19990128; EP 0813496 A1 19971229; EP 0813496 B1 19981216; ES 2125738 T3 19990301; JP 3130947 B2 20010131; JP H11504306 A 19990420; US 6105952 A 20000822; WO 9730918 A1 19970828

DOCDB simple family (application)
DE 19606833 A 19960223; CA 2230559 A 19970213; DE 59700050 T 19970213; EP 9700677 W 19970213; EP 97905020 A 19970213; ES 97905020 T 19970213; JP 52976397 A 19970213; US 5101098 A 19980331