

Title (en)
Device for forming piles

Title (de)
Vorrichtung zur Bildung von Stapeln

Title (fr)
Dispositif de formation de piles

Publication
EP 1148014 A3 20021030 (DE)

Application
EP 01108333 A 20010403

Priority
DE 10019069 A 20000418

Abstract (en)
[origin: EP1148014A2] The machine for forming a stack (24) of flat articles (12) comprises a feeder (1) which delivers the articles one after another to a transfer device (2) with carriers (17) into each of which one article is fed. They are then moved along and released with their broad side outwards to form a row.

IPC 1-7
B65H 31/06; **B65H 29/40**

IPC 8 full level
B65H 29/40 (2006.01); **B65H 31/06** (2006.01)

CPC (source: EP)
B65H 29/40 (2013.01); **B65H 31/06** (2013.01); **B65H 2404/231** (2013.01)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 529 (M - 1684) 6 October 1994 (1994-10-06)
- [X] PATENT ABSTRACTS OF JAPAN vol. 006, no. 124 (M - 141) 9 July 1982 (1982-07-09)

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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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EP 1148014 A2 20011024; **EP 1148014 A3 20021030**; **EP 1148014 B1 20100210**; AT E457285 T1 20100215; DE 10019069 A1 20011025; DE 50115337 D1 20100325; ES 2340570 T3 20100607

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