

Title (en)

DEVICE FOR STACKING FLAT OBJECTS, PREFERABLY BAGS MADE FROM A PLASTIC WEB

Publication

EP 0182384 B1 19871119 (DE)

Application

EP 85114853 A 19851122

Priority

- DE 3442851 A 19841123
- DE 3505858 A 19850220

Abstract (en)

[origin: ES8609029A1] Apparatus for stacking and conveying flat articles that are preferably provided with locating holes and preferably consist of bags that have been severed from a tubular or semitubular plastic film web and have been closed by welding. The bags are carried from a forming station to a pair of adjacent, parallel stacking conveyors by a rotatable wicketer having spaced pairs of radial transfer arms. The stacking conveyors include endless belt like carries that pass around rotatable wheels or rollers and are intermittently driven. The carriers include upstanding stacking pins or stacking needles, which extend from and are secured to carrying plates mounted on the carriers. Two spaced, adjacent stacking conveyors are provided and different tools for acting on the intermittently conveyed stacks of bags are selectively provided and detachably secured to the frame of the apparatus between the stacking conveyors. The stacking conveyors and tools are movable transversely relative to the conveying direction to adjust the positions of the tools relative to the bags.

IPC 1-7

B31B 21/00; **B65G 17/46**; **B65H 31/28**; **B65H 29/16**

IPC 8 full level

B65H 29/04 (2006.01); **B31B 1/74** (2006.01); **B31B 19/98** (2006.01); **B31B 50/96** (2017.01); **B65H 29/16** (2006.01); **B65H 29/40** (2006.01)

CPC (source: EP US)

B31B 70/00 (2017.07 - EP US); **B31B 70/984** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP US); **Y10S 493/926** (2013.01 - EP US)

Cited by

EP0239857A3; EP0244600A3

Designated contracting state (EPC)

BE FR GB IT

DOCDB simple family (publication)

EP 0182384 A1 19860528; **EP 0182384 B1 19871119**; CA 1253179 A 19890425; DE 3505858 A1 19860605; DE 3505858 C2 19911031; DK 158604 B 19900618; DK 158604 C 19901119; DK 539185 A 19860524; DK 539185 D0 19851121; ES 549167 A0 19860716; ES 8609029 A1 19860716; JP H0698718 B2 19941207; JP S61132327 A 19860619; US 4657528 A 19870414

DOCDB simple family (application)

EP 85114853 A 19851122; CA 495814 A 19851120; DE 3505858 A 19850220; DK 539185 A 19851121; ES 549167 A 19851121; JP 26473685 A 19851125; US 80081085 A 19851122