

Title (en)

DEVICE FOR PULLING A PILE OF THERMOPLASTIC BAGS FROM UNDER A PILE BEING FORMED

Publication

EP 0216989 A3 19890104 (DE)

Application

EP 86105832 A 19860428

Priority

DE 3524486 A 19850709

Abstract (en)

[origin: ES8707142A1] Apparatus for conveying a stack of bags from a bag stacking station to a downstream processing station. The apparatus includes a conveyor belt, and a carriage that is movable in a conveying direction, the carriage including a belt clamping device to clamp the carriage to the belt, the carriage including a bag stack clamping device for clamping a stack of bags to the belt. Movement of the carriage simultaneously moves the conveyor belt and a stack of bags in the conveying direction, whereupon the belt clamp and the bag clamp are released, and the carriage is returned to the bag stacking station.

IPC 1-7

B31B 19/98; **B65H 31/30**

IPC 8 full level

B31B 19/92 (2006.01); **B31B 50/98** (2017.01); **B31B 70/00** (2017.01); **B65H 9/00** (2006.01); **B65H 29/02** (2006.01); **B65H 29/66** (2006.01); **B65H 31/30** (2006.01); **B31B 160/10** (2017.01)

CPC (source: EP US)

B31B 70/00 (2017.07 - EP US); **B65H 31/30** (2013.01 - EP US); **B31B 70/92** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP US)

Citation (search report)

- [Y] FR 2310210 A1 19761203 - LAGAIN GEORGES [FR]
- [Y] EP 0049395 A2 19820414 - BAGNOLO IND SRL SIB [IT]
- [Y] EP 0050339 A1 19820428 - FMC CORP [US]
- [A] FR 2557549 A1 19850705 - LAGAIN GEORGES [FR]
- [A] FR 2382329 A1 19780929 - WINDMOELLER & HOELSCHER [DE]
- [A] DE 3046107 A1 19820609 - BIELOMATIK LEUZE & CO [DE]
- [A] DE 1206295 B 19651202 - STIEGLER MASCHF FELIX

Designated contracting state (EPC)

BE FR GB IT

DOCDB simple family (publication)

DE 3524486 A1 19870122; **DE 3524486 C2 19870716**; CA 1278585 C 19910102; EP 0216989 A2 19870408; EP 0216989 A3 19890104; EP 0216989 B1 19900919; ES 556302 A0 19870716; ES 8707142 A1 19870716; JP S6232039 A 19870212; US 4723654 A 19880209

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