

Title (en)

Piling, separation and evacuation station for batches of flat articles delivered from a processing unit

Title (de)

Stapel-, Trennungs- und Abführungsstation für blattförmiges Gut, das von einer Verarbeitungsmaschine abgegeben wird

Title (fr)

Station d'empilage, de séparation et d'évacuation de lots d'éléments en plaque empilés en sortie d'une machine de transformation de tels éléments

Publication

EP 0666234 B1 19970521 (FR)

Application

EP 95101271 A 19950131

Priority

FR 9401546 A 19940207

Abstract (en)

[origin: EP0666234A1] The station consists of a feeder (22,24) for the sheet material panels (20), delivering them to a stop (30) so that they drop onto a stack being formed on an elevator table (60) which moves down as the stack grows, separator arms (70) connected to a cross-member (79) and an output conveyor (90,94). The station is equipped with front and rear temporary supports (45,40) for the panels, situated in a plane more or less parallel to the table (60) and on a level with the lower edge of stop (30). The drive for the separator arm cross-member (79) consists of a drive chain or belt (73) at each end of the cross-member, passing being the front stop (30) and round pulleys (74,77).

IPC 1-7

B65H 31/32

IPC 8 full level

B65H 29/20 (2006.01); **B65H 31/32** (2006.01); **B65H 33/18** (2006.01)

CPC (source: EP KR US)

B65H 31/32 (2013.01 - EP US); **B65H 33/00** (2013.01 - KR); **B65H 2701/176** (2013.01 - EP US)

Cited by

US6446962B1; EP1251093A3; CN103552809A; WO2004018339A1; WO2020173604A1; FR3093096A1; US11932507B2; WO2011141584A1; US9499370B2; WO2020173606A1; FR3093097A1; US11912524B2

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