

Title (en)

Device for correcting the position of flat objects arriving in shingled formation

Title (de)

Vorrichtung zum Korrigieren der Lage von geschuppt anfallenden flächigen Gegenständen

Title (fr)

Dispositif pour corriger la position d'objets plats arrivant en formation imbriquée

Publication

EP 1059256 B1 20040818 (DE)

Application

EP 00109324 A 20000502

Priority

CH 102899 A 19990601

Abstract (en)

[origin: EP1059256A1] The arrangement has a displacement element (68) moving faster than a first transport device that engages the rear edges of objects (22) on the first transport device to move them onto a second, faster transport device and an object retaining device. The retaining device has a retaining element (46) protruding into the path of motion of the leading edges of the objects downstream of the working section when in the retaining position to act as a stop for the leading edges. The retaining element is moved out of the retaining position into a release position depending on movement of the displacement element and holds up objects arriving early until the displacement element engages their trailing edges.

IPC 1-7

B65H 29/66

IPC 8 full level

B65H 29/66 (2006.01)

CPC (source: EP US)

B65H 29/6654 (2013.01 - EP US); **B65H 2511/22** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1059256 A1 20001213; **EP 1059256 B1 20040818**; **EP 1059256 B9 20050119**; AT E273909 T1 20040915; AU 3642100 A 20001207; AU 769877 B2 20040205; CA 2309311 A1 20001201; DE 50007436 D1 20040923; DK 1059256 T3 20040920; US 6302260 B1 20011016

DOCDB simple family (application)

EP 00109324 A 20000502; AT 00109324 T 20000502; AU 3642100 A 20000525; CA 2309311 A 20000524; DE 50007436 T 20000502; DK 00109324 T 20000502; US 58428900 A 20000531