

Title (en)  
Device for centering of a shingled stream

Title (de)  
Vorrichtung zum Zentrieren eines Schuppenstromes

Title (fr)  
Dispositif pour le centrage d'une formation imbriquée

Publication  
**EP 1505026 B1 20060503 (DE)**

Application  
**EP 03405580 A 20030807**

Priority  
EP 03405580 A 20030807

Abstract (en)  
[origin: EP1505026A1] The device has a conveyor (2) provided with a transport component (5) for moving an overlapped flow of products in a horizontal direction. A support (6) is located in the conveyor. The support has two alignment units (8, 9) for aligning sides of the flow. The units are arranged at left and right sides of the conveyor, respectively. A unit is disposed adjacent the component for loosening up the flow from below.

IPC 8 full level  
**B65H 5/24** (2006.01); **B65H 5/38** (2006.01); **B65H 9/00** (2006.01); **B65H 29/16** (2006.01); **B65H 29/66** (2006.01)

CPC (source: EP US)  
**B65H 5/24** (2013.01 - EP US); **B65H 9/04** (2013.01 - EP US); **B65H 2301/3422** (2013.01 - EP US); **B65H 2301/3611** (2013.01 - EP US); **B65H 2301/441** (2013.01 - EP US); **B65H 2301/4422** (2013.01 - EP US); **B65H 2301/4423** (2013.01 - EP US); **B65H 2301/4462** (2013.01 - EP US); **B65H 2404/154** (2013.01 - EP US)

Cited by  
CN104385159A; DE102006001587A1; DE102006001587B4

Designated contracting state (EPC)  
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**EP 1505026 A1 20050209; EP 1505026 B1 20060503**; DE 50303207 D1 20060608; JP 2005053702 A 20050303; JP 4643945 B2 20110302; US 2005006838 A1 20050113; US 7810807 B2 20101012

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**EP 03405580 A 20030807**; DE 50303207 T 20030807; JP 2004227373 A 20040803; US 91208704 A 20040806