

Title (en)

Device for forming a stream of shingled articles

Title (de)

Vorrichtung zur Bildung eines Schuppenstroms

Title (fr)

Dispositif pour former un courant d'articles plats se chevauchant

Publication

EP 2060519 A3 20110406 (DE)

Application

EP 08169138 A 20081114

Priority

DE 102007054938 A 20071117

Abstract (en)

[origin: EP2060519A2] The assembly to form a flow (5) of partially overlaid printed sheets (4), especially folded sheets, has a feed wheel (1) after the folder to lay them in sequence on a conveyor belt (2). At least one electronic camera (6) checks the alignment of the sheets on the conveyor, with images taken at time intervals. The image data are passed to an image processing unit (9) with a control (10) to adjust the sheet laying according to at least one parameter if there is a deviation from nominal conditions. The control sets the conveyor and wheel speeds to maintain a constant sheet overlay gap (a).

IPC 8 full level

B65H 29/66 (2006.01)

CPC (source: EP)

B65H 29/6609 (2013.01); **B65H 29/6654** (2013.01); **B65H 2301/44732** (2013.01); **B65H 2301/44765** (2013.01); **B65H 2511/22** (2013.01); **B65H 2511/24** (2013.01); **B65H 2513/10** (2013.01); **B65H 2513/20** (2013.01); **B65H 2553/42** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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