

Title (en)

Gripping system, handling apparatus provided with the same and its use.

Title (de)

Greifersystem, damit ausgestattetes Handhabungsgerät sowie seine Verwendung.

Title (fr)

Système de préhension, appareil de manutention le comportant et son utilisation.

Publication

EP 2653434 B1 20141119 (FR)

Application

EP 13164366 A 20130418

Priority

FR 1253626 A 20120419

Abstract (en)

[origin: EP2653434A1] The system has a group of clamping units (12) for clamping layered products in a direction. Another group of clamping units (13) clamps the layered products in another direction, which is not parallel to the former direction. A spreader (10) defines a central opening (11) for gripping of the layered products. The clamping units are mounted on a frame bordering the central opening. An actuating unit (17) actuates the clamping units mounted on the frame in a completely circumferential with respect to the central opening.

IPC 8 full level

B66F 9/18 (2006.01)

CPC (source: EP)

B66F 9/183 (2013.01); **B66F 9/188** (2013.01)

Cited by

CN112389519A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2653434 A1 20131023; **EP 2653434 B1 20141119**; ES 2530812 T3 20150306; FR 2989674 A1 20131025; FR 2989674 B1 20150220; PT 2653434 E 20150224

DOCDB simple family (application)

EP 13164366 A 20130418; ES 13164366 T 20130418; FR 1253626 A 20120419; PT 13164366 T 20130418