

Title (en)
Handling system

Title (de)
Handhabungssystem

Title (fr)
Système de manipulation

Publication
EP 1468947 A1 20041020 (DE)

Application
EP 04007708 A 20040330

Priority
DE 10317948 A 20030417

Abstract (en)
The handling system for paper products has a traverse (10) to form a stack of the products having one hundred and eighty degree rotated sectional positions. A press module (20) slides on the traverse with a rotary drive to rotate the stack. A discharge feed is provided for the stack. The traverse, press module and discharge feed have conveyors (16,24,52) with a straight feed path along the traverse. The traverse can have a feed (12) which directs shingled documents to the straight feed path. An independent claim is included for a method of handling paper products using the feed.

Abstract (de)
Ein System zur Handhabung von Papierprodukten weist einen Kreuzleger (10), ein Pressmodul (20) und ein Abgabemodul (50) auf, die entlang einer geradlinigen Förderstrecke angeordnet sind. Es ist eine Dreheinrichtung (30) vorgesehen, die ein Drehen eines Stapels aus Papierprodukten um 180° ermöglicht.

IPC 1-7
B65H 31/30

IPC 8 full level
B65H 31/30 (2006.01)

CPC (source: EP US)
B65B 27/08 (2013.01 - EP); **B65H 29/66** (2013.01 - EP US); **B65H 31/3054** (2013.01 - EP US); **B65H 2301/42112** (2013.01 - EP US); **B65H 2301/4223** (2013.01 - EP US); **B65H 2402/351** (2013.01 - EP US); **B65H 2701/1932** (2013.01 - EP US)

Citation (search report)
• [XA] DE 19504686 A1 19960814 - GAEMMERLER HAGEN [DE]
• [A] DE 10121184 A1 20021031 - GAEMMERLER AG [DE]
• [AD] DE 19800162 A1 19990715 - GAEMMERLER AG [DE]

Cited by
CN110802926A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1468947 A1 20041020; DE 10317948 A1 20041028; US 2004207149 A1 20041021

DOCDB simple family (application)
EP 04007708 A 20040330; DE 10317948 A 20030417; US 81866504 A 20040406