

Title (en)

A handling system for transferring printing plates and a method

Title (de)

Handhabungssystem zur Übertragung von Druckplatten und Verfahren

Title (fr)

Système de manipulation permettant de transférer des plaques d'impression et procédé

Publication

**EP 2653419 A1 20131023 (EN)**

Application

**EP 12164743 A 20120419**

Priority

EP 12164743 A 20120419

Abstract (en)

The invention relates to a handling system (1) for transferring printing plates (2) from a multiple plate stack (3) to an imaging system (4). The handling system (1) comprises a printing plate loader (5) for moving an upper plate of a multiple plate stack (3) to an imaging system (4). The handling system (1) further comprises an interleave paper remover (7). The interleave paper remover (7) comprises a lifting unit (8) for lifting a corner of a plate that is in the upper position on the stack (3). Further, the interleave paper remover (7) comprises a body (9) provided with a running surface (9s) comprising high frictional material, the body (9) being insertable into a gap formed between the lifted plate corner and a next plate and being arranged for frictionally contacting an interleave paper (6) sticking to a lower surface of the upper plate, so as to peel off the interleave paper (6) from the upper plate.

IPC 8 full level

**B65H 3/40** (2006.01); **B65H 3/56** (2006.01)

CPC (source: EP)

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Citation (applicant)

- EP 1772262 A1 20070411 - PUNCH GRAPHIX INT NV [BE]
- EP 1862413 A1 20071205 - PUNCH GRAPHIX INT NV [BE]

Citation (search report)

- [X] DE 4217299 A1 19931209 - SIEMENS AG [DE]
- [A] WO 2006091558 A1 20060831 - KODAK GRAPHIC COMM CANADA CO [US], et al

Cited by

KR20150027100A; US2015197404A1; US9352917B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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