

Title (en)  
PLATE HANDLING SYSTEM

Title (de)  
PLATTENHANDHABUNGSSYSTEM

Title (fr)  
SYSTEME DE MANIPULATION DE PLAQUE

Publication  
**EP 1853501 B1 20121121 (EN)**

Application  
**EP 06735608 A 20060222**

Priority  

- US 2006006019 W 20060222
- US 65449405 P 20050222
- US 34382306 A 20060131

Abstract (en)  
[origin: WO2006091558A1] A plate handling system provides for movement from storage of a variety of image-ready printing plates, organized in plate stacks (240) with interleaf protective slipsheets. Each stack contains plates of a particular size, corresponding to the capabilities of an associated imaging system. Each plate stack is supported by a pallet (230) , which facilitates easy loading and unloading into the plate handling system. A plate picker (310) aligns with the desired plate and transports the appropriately sized plate to an imaging system. The corresponding slipsheet is transported to a storage area where it is stored with a flat orientation.

IPC 8 full level  
**B65H 3/08** (2006.01); **B65H 3/24** (2006.01); **B65H 3/44** (2006.01); **B65H 9/08** (2006.01)

CPC (source: EP)  
**B65H 3/0816** (2013.01); **B65H 3/24** (2013.01); **B65H 3/44** (2013.01); **B65H 9/08** (2013.01); **B65H 2406/342** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/514** (2013.01); **B65H 2553/81** (2013.01); **B65H 2701/18264** (2013.01); **B65H 2701/1928** (2013.01)

C-Set (source: EP)  

1. **B65H 2511/514** + **B65H 2220/01**
2. **B65H 2511/20** + **B65H 2220/01** + **B65H 2220/02**

Designated contracting state (EPC)  
BE DE FR GB

DOCDB simple family (publication)  
**WO 2006091558 A1 20060831**; EP 1853501 A1 20071114; EP 1853501 B1 20121121; JP 2008532076 A 20080814; JP 4926984 B2 20120509

DOCDB simple family (application)  
**US 2006006019 W 20060222**; EP 06735608 A 20060222; JP 2007557093 A 20060222