Title (en)

Depot for material rolls of a web processing machine and method for the storing of material rolls

Title (de)

Lager einer bahnverarbeitenden Maschine für Materialrollen sowie Verfahren zur Lagerung von Materialrollen

Title (fr)

Système de stockage pour rouleaux de matériau d'une machine pour le traitement de bandes et procédé pour le stockage de rouleuax de matériau

Publication

EP 1681256 A1 20060719 (DE)

Application

EP 06101068 A 20040213

Priority

- EP 04710876 A 20040213
- DE 10306759 A 20030217

Abstract (en)

The store (21) for material rolls has at least two parallel extending outer racking blocks (22,23) with a picking vehicle located between them. At least one storage position of an inner racking block (24) can be loaded and emptied from both longitudinal sides of the inner racking block by the picking vehicle. The storage position may be as a transfer station which can be loaded or emptied on one side by a transporting system (19), and on the other side by a picking vehicle. Independent claims are also included for the following: (a) a material supply system incorporating the aforesaid store; and (b) a procedure for the storing of material rolls.

IPC 8 full level

B65H 19/12 (2006.01)

CPC (source: EP US)

B65H 19/12 (2013.01 - EP US); **B65H 19/126** (2013.01 - EP US); B65H 2301/415063 (2013.01 - EP US); B65H 2301/41702 (2013.01 - EP US); B65H 2405/422 (2013.01 - EP US); Y10S 414/124 (2013.01 - EP)

Citation (search report)

- [A] EP 0334366 A2 19890927 - HAINES & EMERSON INC [US]
- [A] US 5076751 A 19911231 - KAFKA ALFRED J [US]
- [A] DE 4416213 A1 19951109 - ROLAND MAN DRUCKMASCH [DE]
- [A] EP 0390735 A2 19901003 - WIFAG MASCHF [CH]
- [A] DE 3739234 A1 19880519 - KONE ELEVATOR GMBH [CH]
- [A] EP 0559604 A1 19930908 - DREIER ROBOT AG [CH]
- [A] DE 3739222 A1 19880519 - KONE ELEVATOR GMBH [CH]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004071904 A2 20040826; **WO 2004071904 A3 20050113**; AT E332859 T1 20060815; DE 10306759 A1 20040826; DE 502004000960 D1 20060824; DE 502004002679 D1 20070308; EP 1594774 A2 20051116; EP 1594774 B1 20060712; EP 1612170 A2 20060104; EP 1612170 A3 20060118; EP 1612170 B1 20070117; EP 1681256 A1 20060719; ES 2267051 T3 20070301; ES 2278368 T3 20070801; US 2006182548 A1 20060817; US 7559731 B2 20090714

DOCDB simple family (application)

EP 2004050126 W 20040213; AT 04710876 T 20040213; DE 10306759 A 20030217; DE 502004000960 T 20040213; DE 502004002679 T 20040213; EP 04710876 A 20040213; EP 05106677 A 20040213; EP 06101068 A 20040213; ES 04710876 T 20040213; ES 05106677 T 20040213; US 54590005 A 20050817