

Title (en)  
Device for intermediately storing flat objects

Title (de)  
Einrichtung für die Zwischenlagerung von flachen Gegenständen

Title (fr)  
Dispositif de stockage temporaire d'article plats

Publication  
**EP 1268332 A2 20030102 (DE)**

Application  
**EP 00943510 A 20000720**

Priority  
• CH 0000398 W 20000720  
• CH 139699 A 19990728

Abstract (en)  
[origin: WO0109024A2] At least one positioning device (5) and at least one orienting device (6) are provided in order to manage a device for intermediately storing flat objects, especially printing products, that are intermediately stored in rolls, for example. The device comprises a plurality of roll stations (1), a plurality of mobile roll stands (2) and a plurality of storage areas (2.1, 2.2) for roll stands. The storage areas (2.1, 2.2) are arranged on a plurality of parallel, primary transport paths (3). The primary transport paths cross at least one secondary transport path (4.1, 4.2). The entries of the roll stations (1) are arranged along a secondary transport path (4) and aligned with primary transport paths (3). In order to remove the roll stands (2) by drawing and to position the same by pushing, the positioning device (5) can be actively displaced in storage areas (2.1, 2.2) and roll stations (1) along primary transport paths (3). The orienting device (6) serves to receive loaded or empty positioning devices (5), to reorientate them for successive transport measures on primary transport paths (3), for displacing them along secondary transport paths (4.1, 4.2) and, optionally, for raising or lowering them to additional levels having additional storage areas (2.1, 2.2) as well as primary and secondary transport paths (3, 4). The method and device can also be used, in an analogous manner, for managing devices for intermediately storing rolls of flat objects which, without roll stands, are handled on pallets, for example, or for managing other storage units of flat objects which are handled using other suitable supporting elements.

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