

Title (en)  
TRANSFERRING DEVICE

Title (de)  
TRANSFEREINRICHTUNG

Title (fr)  
DISPOSITIF DE TRANSFERT

Publication  
**EP 1513631 B1 20060607 (DE)**

Application  
**EP 02735420 A 20020617**

Priority  
EP 0206651 W 20020617

Abstract (en)  
[origin: WO03106069A1] A transferring device comprises at least one gripper rail (12), which can be brought into engagement with at least one workpiece and which can be driven in a lifting direction (B), a closing direction and an advancing direction (A). The transferring device also comprises at least one lifting drive and/or at least one closing drive, at least one advancing drive (18), and an arm (28) that is connected to the advancing drive (18) in a manner that enables it to pivot about a pin (34) while moving, to a large extent, parallel to the advancing direction (A). The transferring device is characterized in that the gripper rail (12) is directly engaged with the arm (28) in the advancing direction (A) and can be displaced in a direction perpendicular to the advancing direction.

IPC 8 full level  
**B21D 43/05** (2006.01); **B21D 43/10** (2006.01)

CPC (source: EP US)  
**B21D 43/055** (2013.01 - EP US); **B21D 43/10** (2013.01 - EP US)

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 03106069 A1 20031224**; AT E328683 T1 20060615; AU 2002310767 A1 20031231; CA 2489574 A1 20031224; DE 50207144 D1 20060720;  
EP 1513631 A1 20050316; EP 1513631 B1 20060607; ES 2266505 T3 20070301; US 2006104796 A1 20060518; US 7290430 B2 20071106

DOCDB simple family (application)  
**EP 0206651 W 20020617**; AT 02735420 T 20020617; AU 2002310767 A 20020617; CA 2489574 A 20020617; DE 50207144 T 20020617;  
EP 02735420 A 20020617; ES 02735420 T 20020617; US 51770805 A 20050822