

Title (en)  
ARTICULATED ARM TRANSPORT SYSTEM

Title (de)  
GELENKARM-TRANSPORTSYSTEM

Title (fr)  
SYSTEME DE TRANSPORT A BRAS ARTICULE

Publication  
**EP 1313575 B1 20050921 (DE)**

Application  
**EP 01964901 A 20010810**

Priority  
• DE 0103083 W 20010810  
• DE 10042991 A 20000901

Abstract (en)  
[origin: WO0218073A2] The invention relates to an articulated arm transport system, in particular for the automation of press lines and large component transfer presses, characterised by a construction permitting an introduction and extraction of components or workpieces, even with a small clearance between an upper and lower tool.  
[origin: WO0218073A2] The invention relates to an articulated arm transport system (43, 44), in particular for the automation of press lines (1) and large component transfer presses, characterised by a construction permitting an introduction and extraction of components or workpieces, even with a small clearance between an upper and lower tool (6, 7).

IPC 1-7  
**B21D 43/05; B23Q 7/00**

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

CPC (source: EP US)  
**B21D 43/05** (2013.01 - EP US)

Cited by  
CN110180932A; DE102020112613B3; WO2021228326A1; US11826813B2

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 0218073 A2 20020307; WO 0218073 A3 20020718**; AT E304906 T1 20051015; BR 0107159 A 20020618; CA 2389291 A1 20020307; CA 2389291 C 20080108; DE 10042991 A1 20020321; DE 50107515 D1 20060202; EP 1313575 A2 20030528; EP 1313575 B1 20050921; ES 2249469 T3 20060401; MX PA02004312 A 20030922; US 2002192058 A1 20021219; US 6712198 B2 20040330

DOCDB simple family (application)  
**DE 0103083 W 20010810**; AT 01964901 T 20010810; BR 0107159 A 20010810; CA 2389291 A 20010810; DE 10042991 A 20000901; DE 50107515 T 20010810; EP 01964901 A 20010810; ES 01964901 T 20010810; MX PA02004312 A 20010810; US 12901102 A 20020501