

Title (en)  
Printing plates manipulator

Title (de)  
Druckformmanipulator

Title (fr)  
Manipulateur de plaques d'impression

Publication  
**EP 1652667 A2 20060503 (DE)**

Application  
**EP 05020159 A 20050915**

Priority  
• DE 102004052020 A 20041026  
• DE 102004052021 A 20041026

Abstract (en)  
A joint (13) connects a manipulator arm (12) to a manipulator head (15), which has stops (18,19) pressed against the level surface of a printing form (4). The joint enables the head to tilt or swivel relative to the arm, or enables the arm to translate movement of the head along the level surface. An independent claim is also included for a method of suspending a printing form.

IPC 8 full level  
**B41F 27/12** (2006.01)

CPC (source: EP)  
**B41F 27/1206** (2013.01); **B41P 2227/62** (2013.01); **B41P 2227/63** (2013.01)

Citation (applicant)  
• DE 10010056 A1 20001005 - HEIDELBERGER DRUCKMASCH AG [DE]  
• DE 19934271 A1 20000525 - HEIDELBERGER DRUCKMASCH AG [DE]  
• US 4727807 A 19880301 - SUZUKI KUNIO [JP], et al  
• EP 0431364 A2 19910612 - ROLAND MAN DRUCKMASCH [DE]  
• DE 102004023434 A1 20051208 - WIFAG MASCHF [CH]

Cited by  
EP2093060A1; CN116690150A

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)  
**EP 1652667 A2 20060503**; **EP 1652667 A3 20060712**; **EP 1652667 B1 20100721**; AT E474719 T1 20100815; DE 502005009939 D1 20100902

DOCDB simple family (application)  
**EP 05020159 A 20050915**; AT 05020159 T 20050915; DE 502005009939 T 20050915