

Title (en)
Printing Apparatus

Title (de)
Druckvorrichtung

Title (fr)
Appareil d'impression

Publication
EP 2353876 A3 20150401 (EN)

Application
EP 10190065 A 20101104

Priority
JP 2010017348 A 20100128

Abstract (en)
[origin: EP2353876A2] A printing apparatus (1) including: a printing head (10) for printing characters on a printing medium (100) ; and a platen (60) placed on an opposite side of the printing head (10), the printing medium (100) being placed between the platen (60) and the printing head (10), characterized in that the printing apparatus (1) further includes: a gap guide (20) moving in a transportation width direction (D2) of the printing medium (100) together with the printing head (10) and including a plane portion (20b, 20c) that holds the printing medium (100) in cooperation with the platen (60), the gap guide (20) being for ensuring a gap (G) between the printing head (10) and the printing medium (100); and a biasing mechanism (70) for biasing at least one of the platen (60) and the gap guide (20) in a direction in which the platen (60) and the gap guide (20) approach each other.

IPC 8 full level
B41J 11/20 (2006.01)

CPC (source: EP)
B41J 11/20 (2013.01)

Citation (search report)

- [X] US 5316395 A 19940531 - IMAI MASAYUKI [JP]
- [X] JP 2002240372 A 20020828 - TOSHIBA TEC KK
- [X] WO 2005009739 A1 20050203 - OKI ELECTRIC IND CO LTD [JP]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 10190065 A 20101104; CN 201010293229 A 20100927; JP 2010017348 A 20100128; KR 20100095841 A 20101001