

Title (en)  
LIQUID DISCHARGING APPARATUS

Title (de)  
FLÜSSIGKEITSABGABEVORRICHTUNG

Title (fr)  
APPAREIL DE DÉCHARGE DE LIQUIDE

Publication  
**EP 3109052 A1 20161228 (EN)**

Application  
**EP 16161705 A 20160322**

Priority  
JP 2015108554 A 20150528

Abstract (en)  
A liquid discharging apparatus (1) includes a transport section (10) for a medium (P), a line head (19) in which nozzles discharging liquid in an intersecting direction (B) that intersects a direction of transporting the medium are arrayed, a scan sensor (20) which is moved in the intersecting direction (B) and is capable of detecting an end portion (25) of the medium (P) in the intersecting direction (B), and a controller that controls movement in the intersecting direction (B) of the scan sensor (20), and controls discharging of the liquid based on a detection result of the scan sensor (20).

IPC 8 full level  
**B41J 11/00** (2006.01); **B41J 2/515** (2006.01); **B41J 15/04** (2006.01)

CPC (source: CN EP)  
**B41J 2/16588** (2013.01 - EP); **B41J 2/2146** (2013.01 - EP); **B41J 11/003** (2013.01 - EP); **B41J 11/007** (2013.01 - EP); **B41J 11/008** (2013.01 - CN EP); **B41J 11/0095** (2013.01 - EP); **B41J 15/04** (2013.01 - EP); **B41J 29/393** (2013.01 - CN); **B41J 2/16508** (2013.01 - EP); **B41J 2/16535** (2013.01 - EP)

Citation (applicant)  
JP 2011126204 A 20110630 - SEIKO EPSON CORP

Citation (search report)  
• [IA] US 2009092404 A1 20090409 - TASHIRO KAZUYA [JP], et al  
• [AD] JP 2011126204 A 20110630 - SEIKO EPSON CORP

Cited by  
US11727234B2; WO2024100163A1; WO2024100167A1

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

DOCDB simple family (publication)  
**EP 3109052 A1 20161228**; **EP 3109052 B1 20200212**; CN 106183452 A 20161207; CN 106183452 B 20190301; JP 2016221752 A 20161228; JP 6528944 B2 20190612

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**EP 16161705 A 20160322**; CN 201610168855 A 20160323; JP 2015108554 A 20150528