

Title (en)  
IMAGE-FORMING DEVICE

Title (de)  
BILDERZEUGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE FORMATION D'IMAGE

Publication  
**EP 3835875 A4 20220420 (EN)**

Application  
**EP 19848449 A 20190809**

Priority  
• JP 2018150293 A 20180809  
• JP 2018150294 A 20180809  
• JP 2018150295 A 20180809  
• JP 2018150296 A 20180809  
• JP 2019031625 W 20190809

Abstract (en)  
[origin: EP3835875A1] An image forming apparatus H includes a duct unit 200 that forms an exhaust path for exhausting air exhausted from an exhaust port 228 of the image forming apparatus H to the outside of the duct unit 200, a filter 260 provided on the inside of the duct unit 200, fans 91 and 92 that are fixed to an upper cover 111 and a lower cover 112 on the inside of the duct unit 200 and exhaust the air in the duct unit 200. The duct unit 200 projects to the rear surface side of the image forming apparatus H with respect to a plane to which the fans 91 and 92 are fixed in the upper cover 111 and the lower cover 112. The duct unit 200 is disposed in a position not overlapping electronic components when the image forming apparatus H is viewed from the rear surface side.

IPC 8 full level  
**G03G 21/16** (2006.01); **G03G 15/00** (2006.01); **G03G 15/20** (2006.01); **G03G 21/00** (2006.01)

CPC (source: EP US)  
**G03G 15/20** (2013.01 - US); **G03G 15/206** (2013.01 - EP); **G03G 21/1619** (2013.01 - EP); **G03G 21/1623** (2013.01 - EP);  
**G03G 15/80** (2013.01 - EP); **G03G 21/1652** (2013.01 - EP); **G03G 2221/169** (2013.01 - EP)

Citation (search report)  
• [XAYI] US 2012243899 A1 20120927 - RYUZAKI TERUYO [JP]  
• [A] JP 2003076252 A 20030314 - CANON KK  
• [Y] US 2016004215 A1 20160107 - YAMASHITA KAZUYA [JP], et al  
• [Y] JP 2002014597 A 20020118 - CANON KK  
• See references of WO 2020032253A1

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

DOCDB simple family (publication)  
**EP 3835875 A1 20210616; EP 3835875 A4 20220420; WO 2020032253 A1 20200213**

DOCDB simple family (application)  
**EP 19848449 A 20190809; JP 2019031625 W 20190809**