

Title (en)

Image forming apparatus with an air intake and exhaust system

Title (de)

Bilderzeugungsvorrichtung mit einem Lufteinlass- und Luftauslasssystem

Title (fr)

Appareil de formation d'images avec un système d'admission et d'échappement d'air

Publication

**EP 1657603 A1 20060517 (EN)**

Application

**EP 05024550 A 20051110**

Priority

- JP 2004326745 A 20041110
- JP 2004328991 A 20041112
- JP 2005004401 A 20050111

Abstract (en)

An image forming apparatus (1) includes a dehumidifier (13) in which a dehumidified air flow path (A) and an exhaust heat air flow path (B) are formed. A cooling-and-dehumidifying member (11) is positioned in the dehumidified air flow path (A) and a heat exhaust member (12) is positioned in the exhaust heat air flow path (B). A case (15) covers an aperture common to the dehumidified air flow path (A) and the exhaust heat air flow path (B). An imaging unit (14) is connected to the dehumidifier (13) by a connecting air flow path (24) through which dehumidified air is introduced into the imaging unit (14) from the dehumidified air flow path (A),

IPC 8 full level

**G03G 21/20** (2006.01)

CPC (source: EP US)

**G03G 21/203** (2013.01 - EP US); **G03G 21/206** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1657603 A1 20060517; EP 1657603 B1 20081210**; DE 602005011555 D1 20090122; ES 2317128 T3 20090416;  
US 2006117771 A1 20060608

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