

Title (en)

PRINTING OR COPYING MACHINE WITH A COOLING DEVICE FOR THE COPYING MEDIUM.

Title (de)

DRUCK- ODER KOPIERGERÄT MIT EINER KÜHLEINRICHTUNG FÜR DEN AUFZEICHNUNGSTRÄGER.

Title (fr)

IMPRIMANTE OU PHOTOCOPIEUSE COMPORTANT UN DISPOSITIF DE REFROIDISSEMENT POUR LE SUPPORT DE COPIAGE.

Publication

EP 0665963 A1 19950809 (DE)

Application

EP 93922492 A 19931013

Priority

- DE 9300976 W 19931013
- DE 4235667 A 19921022

Abstract (en)

[origin: DE4235667C1] An electrophotographic printing or copying machine has a cooling device (K) for the heated recording medium arranged downstream of the thermofixing device (W) in the direction of transport of the copying medium. The cooling device (K) consists of a cooling saddle through which the cooling medium flows and which has a cooling surface (19) over which the recording medium is guided so as to cover the cooling surface (19). The cooling surface may have air outlets (20) through which air is supplied into a gap between the copying medium (17) and the cooling surface (19) so as to form an air cushion. Additional cooling devices may be provided for further cooling the copying medium by generating a current of cooling air blown over the surface of the copying medium against its direction of transport.

IPC 1-7

G03G 15/20

IPC 8 full level

B41J 29/377 (2006.01); **G03G 15/00** (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP US)

B41J 29/377 (2013.01 - EP US); **G03G 15/2003** (2013.01 - EP US); **G03G 15/6573** (2013.01 - EP US); **G03G 2215/00413** (2013.01 - EP US); **G03G 2215/00421** (2013.01 - EP US); **G03G 2215/00455** (2013.01 - EP US); **G03G 2215/00666** (2013.01 - EP US)

Citation (search report)

See references of WO 9409409A1

Citation (examination)

RESEARCH DISCLOSURE Nr. 327 , Juli 1991 , EMSWORTH,GB Seite 516 XP258730 ANONYMOUS 'SHEET TURNOVER AND COOLING DEVICE' s

Designated contracting state (EPC)

BE FR GB NL

DOCDB simple family (publication)

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