

Title (en)

Aircooling station for electrophotographic printer

Title (de)

Luftkühlungsstation für elektrophotographische Kopierer

Title (fr)

Station de refroidissement à air pour un imprimeur électrophotographique

Publication

EP 1197812 A3 20060215 (DE)

Application

EP 01121798 A 20010921

Priority

US 68914700 A 20001012

Abstract (en)

[origin: US6272311B1] The fusing assembly in an electrophotographic copier has a paper travel path passing between a pair of opposed air cooling plenums. Each plenum has an air supply plate confronting the travel path with slots for directing cooling air onto the moving paper. The lower plenum plate includes upstanding ribs parallel to the paper travel path for guiding the moving paper and spacing the paper from the plate to improve airflow by decreasing airflow impedance.

IPC 8 full level

G03G 15/00 (2006.01); **G03G 15/20** (2006.01)

CPC (source: EP US)

G03G 15/6573 (2013.01 - EP US)

Citation (search report)

- [X] EP 0503358 A2 19920916 - KONISHIROKU PHOTO IND [JP]
- [A] US 4959693 A 19900925 - MITSUYA TERUAKI [JP], et al
- [A] US 5557388 A 19960917 - CREUTZMANN EDMUND [DE], et al
- [A] US 5235393 A 19930810 - MERLE THOMAS C [US]
- [A] US 3762812 A 19731002 - WOLFF D, et al
- [PA] US 6226474 B1 20010501 - KOWALSKI GREGORY LEO [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 6272311 B1 20010807; CA 2358794 A1 20020412; CA 2358794 C 20041214; DE 10146482 A1 20020418; EP 1197812 A2 20020417; EP 1197812 A3 20060215; JP 2002139935 A 20020517

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