

Title (en)

Dual voltage driven transfer assist apparatus

Title (de)

Doppelspannungsbetriebenes Übertragungsunterstützungsgerät

Title (fr)

Appareil d'assistance de transfert alimenté à deux tensions

Publication

EP 0772099 A2 19970507 (EN)

Application

EP 96307859 A 19961030

Priority

US 55160195 A 19951101

Abstract (en)

An apparatus which transfers a developed image from a photoconductive surface (10) to a copy sheet. The apparatus preferably includes a corona generating device (46) arranged to charge the copy sheet for establishing a transfer field that is effective to attract the developed image from the photoconductive surface to the copy sheet and a blade (45) which is moved from a non-operative position spaced from the copy sheet, to an operative position, in contact with the copy sheet for pressing the copy sheet into contact with at least the developed image on the photoconductive surface (10) to substantially eliminate any spaces between the copy sheet and the developed image during transfer of the developed image from the photoconductive surface to the copy sheet. The blade (45) is actuated by a dual voltage driven solenoid (47) mechanism designed to minimize the solenoid pull in time to meet high speed sheet transport specifications. <IMAGE>

IPC 1-7

G03G 15/16

IPC 8 full level

G03G 15/00 (2006.01); **G03G 15/16** (2006.01)

CPC (source: EP)

G03G 15/165 (2013.01); **G03G 2215/1609** (2013.01)

Citation (applicant)

- US 5081500 A 19920114 - SNELLING CHRISTOPHER [US]
- US 4947214 A 19900807 - BAXENDELL DOUGLAS J [US], et al
- US 4341456 A 19820727 - IYER VENKAT K, et al

Designated contracting state (EPC)

DE FR GB

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DOCDB simple family (application)

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