

Title (en)
AIR NOZZLE

Publication
EP 0383625 A3 19901212 (EN)

Application
EP 90301718 A 19900216

Priority
US 31149189 A 19890216

Abstract (en)
[origin: EP0383625A2] An apparatus is disclosed for removing large particles from a toner powder image developed on a latent image which is recorded on an image receiving member. The apparatus includes a nozzle (100), interposed between the development station (C) and the transfer station (D) at which the toner powder image is transferred to a copy sheet. The nozzle directs a high velocity flow of gas across the toner powder image to remove large particles therefrom without affecting image integrity.

IPC 1-7
G03G 15/08

IPC 8 full level
G03G 15/16 (2006.01); **G03G 15/08** (2006.01); **G03G 15/095** (2006.01)

CPC (source: EP)
G03G 15/095 (2013.01)

Citation (search report)

- [X] US 4797708 A 19890110 - KASISKE JR W CHARLES [US], et al
- [Y] GB 1116077 A 19680606 - FUJI PHOTO FILM CO LTD
- [AD] US 4348684 A 19820907 - BINDER JEAN-JACQUES
- [A] US 4067018 A 19780103 - POND STEPHEN F
- [Y] RESEARCH DISCLOSURE, no. 249, January 1985, pages 73-74; "Mechanism for improving toner transfer in an electrographic reproduction apparatus"

Cited by
EP0532306A3

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0383625 A2 19900822; EP 0383625 A3 19901212; JP H02247670 A 19901003

DOCDB simple family (application)
EP 90301718 A 19900216; JP 3135090 A 19900209