

Title (en)
Electrostatic latent image developing device

Title (de)
Vorrichtung zum Entwickeln eines latenten elektrostatischen Bildes

Title (fr)
Dispositif de développement d'une image électrostatique latente

Publication
EP 0816935 B1 20031217 (EN)

Application
EP 96201825 A 19960701

Priority
EP 96201825 A 19960701

Abstract (en)
[origin: EP0816935A1] An electrostatic developing device comprising feed passages (54, 58) for a two-component developer, a hopper (43) for adding fresh toner to the developer to maintain its concentration at a desired level, and a mixer with a vertical helical mixer screw (63) rotatable in a stationary housing (42) and a sleeve (65) surrounding the screw in the housing, an annular space (69) being left between the sleeve and the housing allowing developer transported upwardly by the mixer screw within the sleeve to return via the annular space to the lower end of the screw and then become circulated upwardly again. <IMAGE>

IPC 1-7
G03G 15/08

IPC 8 full level
G03G 15/08 (2006.01)

CPC (source: EP)
G03G 15/0822 (2013.01)

Cited by
CN105664824A

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
EP 0816935 A1 19980107; EP 0816935 B1 20031217; DE 69631125 D1 20040129; DE 69631125 T2 20040826; JP H1069169 A 19980310

DOCDB simple family (application)
EP 96201825 A 19960701; DE 69631125 T 19960701; JP 18720697 A 19970630