

Title (en)
A magnetic brush developing apparatus.

Title (de)
Magnetbürstenentwicklungsgerät.

Title (fr)
Appareil de développement à brosse magnétique.

Publication
EP 0474409 B1 19951025 (EN)

Application
EP 91307747 A 19910822

Priority
JP 23390690 A 19900903

Abstract (en)
[origin: EP0474409A2] A magnetic brush developing apparatus, comprising: a development container for containing a developer (4); a magnet (1b) stationarily located in the development container (7) and having magnetic poles radially provided on a plurality of points; a rotational sleeve (1a) arranged to cover the outer circumference of the magnet (1b) and rotatably driven to carry the developer (4) in the development container (7); and a blade (2) arranged opposite to the rotational sleeve (1a) to restrict the amount of the developer (4) which is carried by the rotational sleeve (1a). To obtain a uniform image quality without unevenness among different developing apparatus and a wider range of assembling precision to thus facilitate the installment of the apparatus, at the position (6a) facing the developer restriction member (2), and in its vicinity (6), there is formed a uniform magnetic flux density section (Z) having a magnetic flux density whose vertical component is substantially uniform on the periphery of the rotational sleeve (1a). <IMAGE>

IPC 1-7
G03G 15/09

IPC 8 full level
G03G 15/09 (2006.01)

CPC (source: EP KR)
G03G 15/09 (2013.01 - EP KR); **G03G 15/0921** (2013.01 - EP)

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0474409 A2 19920311; EP 0474409 A3 19920826; EP 0474409 B1 19951025; DE 69114089 D1 19951130; DE 69114089 T2 19960404; DE 69124120 D1 19970220; DE 69124120 T2 19970417; EP 0658826 A1 19950621; EP 0658826 B1 19970108; KR 920007427 A 19920428; KR 950001827 B1 19950303

DOCDB simple family (application)
EP 91307747 A 19910822; DE 69114089 T 19910822; DE 69124120 T 19910822; EP 95102168 A 19910822; KR 910015308 A 19910903