

Title (en)  
CARRIER MATERIAL FOR ELECTROPHOTOGRAPHIC DEVELOPERS

Publication  
**EP 0242712 B1 19920722 (EN)**

Application  
**EP 87105199 A 19870408**

Priority  
JP 8186786 A 19860409

Abstract (en)  
[origin: EP0242712A2] An electrophotographic carrier material comprising a spherical core of hematite-containing magnetite and a resinous coating layer applied thereon is provided. The carrier material exhibits good copying characteristics, an improved durability and an enhanced stability to the environmental factors such as humidity. The carrier material may have an appropriate electrical resistivity by virtue of the presence of the hematite and the resinous coating layer.

IPC 1-7  
**G03G 9/10**

IPC 8 full level  
**G03G 9/10** (2006.01); **G03G 9/107** (2006.01); **G03G 9/113** (2006.01)

CPC (source: EP US)  
**G03G 9/1075** (2013.01 - EP US); **G03G 9/108** (2020.08 - EP US); **G03G 9/113** (2013.01 - EP)

Cited by  
US7470498B2; WO2004088680A3

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0242712 A2 19871028; EP 0242712 A3 19880210; EP 0242712 B1 19920722**; CA 1340150 C 19981201; DE 3780500 D1 19920827; DE 3780500 T2 19930225; JP S62238580 A 19871019

DOCDB simple family (application)  
**EP 87105199 A 19870408**; CA 533954 A 19870406; DE 3780500 T 19870408; JP 8186786 A 19860409