

Title (en)  
CARTRIDGE FOR COPYING APPARATUS AND THE LIKE

Publication  
**EP 0402525 B1 19930721 (DE)**

Application  
**EP 89122263 A 19891202**

Priority  
DE 8907136 U 19890610

Abstract (en)  
[origin: EP0402525A2] A cartridge for copying apparatus and the like, which contains an image drum (4) and a toner stock container (2), in the wall of which a closeable toner charging aperture (11) is provided, has at least one removable locking element (13) which interrupts the transport path of a used toner return device (7, 8, 9) and thus prevents the emergence of toner from the cartridge and/or closes the outlet aperture of a developer stock chamber and is provided, in the region of the outlet aperture of the toner stock container with a passage aperture through which the toner passes into a storage space from which the toner can only emerge with the aid of a toner transporting device (116). <IMAGE>

IPC 1-7  
**G03G 15/00**; **G03G 15/08**; **G03G 21/00**

IPC 8 full level  
**G03G 15/00** (2006.01); **G03G 15/08** (2006.01); **G03G 21/00** (2006.01); **G03G 21/10** (2006.01); **G03G 21/18** (2006.01)

CPC (source: EP)  
**G03G 15/0898** (2013.01); **G03G 21/105** (2013.01); **G03G 21/1832** (2013.01); **G03G 2215/00987** (2013.01); **G03G 2221/1621** (2013.01); **G03G 2221/1648** (2013.01); **G03G 2221/1669** (2013.01); **G03G 2221/183** (2013.01)

Citation (examination)  
EP 0276192 A1 19880727 - BEROLINA INT MARKETING [DE]

Cited by  
WO9423348A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0402525 A2 19901219**; **EP 0402525 A3 19910327**; **EP 0402525 B1 19930721**; AT E91808 T1 19930815; DE 58904982 D1 19930826; DE 8907136 U1 19890720

DOCDB simple family (application)  
**EP 89122263 A 19891202**; AT 89122263 T 19891202; DE 58904982 T 19891202; DE 8907136 U 19890610