

Title (en)
INK RIBBON CARTRIDGE

Publication
EP 0355939 A3 19900509 (DE)

Application
EP 89250012 A 19890804

Priority
DE 3829445 A 19880826

Abstract (en)
[origin: EP0355939A2] A known ink ribbon cartridge for an image recording device contains a printing cylinder and an ink ribbon on two winding spools parallel to the axis of the printing cylinder in a cartridge housing. <??>In order not to have to exchange the cartridge housing (1) and the printing cylinder (7) when the ink ribbon is changed, in the new ink ribbon cartridge the winding spools (16, 17) are fastened to a common bearing body (18) which can be locked inside the cartridge housing (1) by means of a locking device (11 to 14) and which has operating elements (26, 27) for simultaneous unlocking and removal of the bearing body (18) from the cartridge housing (1) <IMAGE>

IPC 1-7
B41J 17/32

IPC 8 full level
B41J 17/32 (2006.01)

CPC (source: EP US)
B41J 17/32 (2013.01 - EP US)

Citation (search report)
• [A] DE 3517616 A1 19851121 - TOSHIBA KAWASAKI KK [JP]
• [APD] DE 3721231 A1 19890105 - SIEMENS AG [DE]

Cited by
DE4433892B4; EP0679524A1; EP0488291A1; US5800084A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0355939 A2 19900228; EP 0355939 A3 19900509; EP 0355939 B1 19930120; DE 3829445 A1 19900301; DE 58903333 D1 19930304; US 5011310 A 19910430

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EP 89250012 A 19890804; DE 3829445 A 19880826; DE 58903333 T 19890804; US 39692489 A 19890822