

Title (en)  
Ink ribbon cartridge

Title (de)  
Farbbandkassette

Title (fr)  
Cartouche pour ruban encreur

Publication  
**EP 1036663 B1 20091021 (DE)**

Application  
**EP 99810653 A 19990720**

Priority  
CH 48899 A 19990317

Abstract (en)  
[origin: EP1036663A1] Cassette has a housing with two adjacent wall regions (1a,1b) in which there are grooves, recesses or slits (8) so that tape spools are arranged in the grooves at right angles to their own axes. An Independent claim is made for a franking machine using the spool assembly.

IPC 8 full level  
**B41J 17/32** (2006.01); **B41J 32/00** (2006.01); **B41J 35/28** (2006.01); **G07B 17/00** (2006.01)

CPC (source: EP US)  
**B41J 17/32** (2013.01 - EP US); **B41J 32/00** (2013.01 - EP US); **G07B 17/00193** (2013.01 - EP US); **G07B 2017/0025** (2013.01 - EP US)

Citation (examination)  
EP 1000765 A2 20000517 - BROTHER IND LTD [JP]

Designated contracting state (EPC)  
CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**DE 29913568 U1 19991007**; DE 59915096 D1 20091203; EP 1036663 A1 20000920; EP 1036663 B1 20091021; US 6352380 B1 20020305

DOCDB simple family (application)  
**DE 29913568 U 19990804**; DE 59915096 T 19990720; EP 99810653 A 19990720; US 42166899 A 19991020