

Title (en)  
Ink ribbon cassette capable of being recycled

Title (de)  
Wiederverwertbare Farbbandkassette

Title (fr)  
Cassette à ruban encreur capable d'être recyclée

Publication  
**EP 1040932 A1 20001004 (EN)**

Application  
**EP 00302500 A 20000327**

Priority  
JP 8827099 A 19990330

Abstract (en)  
The upper case (18) can be divided into a first case (19) positioned at the ribbon drawing section and a second case (20) having shaft bearing sections (20a) capable of pivoting the first reel (16) comprised of a take-up reel and the second reel (17) comprised of a supply reel, for example, and the second case (20) is removably attached to the lower case (11) and then the ink ribbon (15) already used can be replaced with an ink ribbon not yet used under a state in which the second case is removed from the lower case. <IMAGE>

IPC 1-7  
**B41J 32/00**

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
• [A] DE 3524057 A1 19870108 - OLYMPIA AG [DE]  
• [A] US 4132485 A 19790102 - HESS ERNST P  
• [A] US 4367963 A 19830111 - DAUGHTERS JAMES R  
• [A] US 4720202 A 19880119 - KAWAKAMI MASANORI [JP]  
• [A] EP 0316253 A1 19890517 - IBM [US]  
• [A] US 4437779 A 19840320 - GOFF JR WILLIE [US], et al

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