

Title (en)
Interlocking connector assembly

Title (de)
Verriegelungssteckeranordnung

Title (fr)
Assemblage de connecteur avec verrouillage

Publication
EP 0808717 A3 19980708 (EN)

Application
EP 97303108 A 19970507

Priority
US 65056996 A 19960520

Abstract (en)
[origin: EP0808717A2] The connector assembly includes an outlet assembly on an ink supply container and an inlet assembly mounted to a printer station. The outlet and inlet assemblies have an outlet and inlet valve respectively. The outlet and inlet valves are simultaneously rotatable into open positions to allow ink flow from the supply container to an ink delivery tube on the station. The outlet and inlet assemblies also have a hook and a latch, respectively, that engage when the outlet and inlet valves are coupled and are in the open position, thereby preventing the outlet assembly from being uncoupled from the inlet assembly when either the outlet or inlet valve is in the open position. <IMAGE>

IPC 1-7
B41J 2/175

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP)
B41J 2/17523 (2013.01)

Citation (search report)

- [A] EP 0704309 A2 19960403 - HEWLETT PACKARD CO [US]
- [A] EP 0666176 A2 19950809 - HEWLETT PACKARD CO [US]
- [A] GB 482293 A 19380325 - ROTADISK APP BAU G M B H
- [A] US 5009393 A 19910423 - MASSEY DALE A [US]
- [A] US 3217746 A 19651116 - VOISINE LEO G
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 007 (M - 350) 12 January 1985 (1985-01-12)

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Designated contracting state (EPC)
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DOCDB simple family (application)
EP 97303108 A 19970507; CA 2191636 A 19961129; DE 69708749 T 19970507; ES 97303108 T 19970507; JP 12217797 A 19970513; KR 19970019235 A 19970519