

Title (en)
FLUID INFUSION DEVICE WITH RETRACTABLE NEEDLE

Title (de)
FLÜSSIGKEITSINFUSIONSVORRICHTUNG MIT EINZIEHBARER NADEL

Title (fr)
DISPOSITIF DE PERFUSION DE LIQUIDES MUNI D'UNE AIGUILLE ESCAMOTABLE

Publication
EP 1107808 A4 20041215 (EN)

Application
EP 99948078 A 19990828

Priority
• US 9919763 W 19990828
• US 9828098 P 19980828

Abstract (en)
[origin: WO0012160A1] An infusion device is provided for use with an intravenous catheter connected to a primary fluid supply. A Y site (92) is in fluid communication with the catheter (90). The infusion device is releasably connectable with the Y site (92) to connect a secondary fluid supply (97) to the catheter (40). The infusion device includes a retractable needle (70) that is retractable after use.

IPC 1-7
A61M 5/32

IPC 8 full level
A61M 31/00 (2006.01); **A61M 5/14** (2006.01); **A61M 5/158** (2006.01); **A61M 25/06** (2006.01); **A61M 39/04** (2006.01); **A61M 5/32** (2006.01)

CPC (source: EP)
A61M 25/0606 (2013.01); **A61M 25/0631** (2013.01); **A61M 39/04** (2013.01); **A61M 5/3232** (2013.01); **A61M 2039/042** (2013.01)

Citation (search report)
• [XA] US 5749857 A 19980512 - CUPPY MICHAEL J [US]
• [X] WO 9745151 A1 19971204 - CUPPY MICHAEL J [US]
• See references of WO 0012160A1

Cited by
US12048541B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0012160 A1 20000309; AU 6132099 A 20000321; AU 743918 B2 20020207; BR 9913195 A 20010515; CA 2340655 A1 20000309; CN 1198663 C 20050427; CN 1320051 A 20011031; EP 1107808 A1 20010620; EP 1107808 A4 20041215; JP 2002523189 A 20020730; MX PA01002029 A 20020424; PL 346394 A1 20020211

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US 9919763 W 19990828; AU 6132099 A 19990828; BR 9913195 A 19990828; CA 2340655 A 19990828; CN 99810305 A 19990828; EP 99948078 A 19990828; JP 2000567267 A 19990828; MX PA01002029 A 19990828; PL 34639499 A 19990828