

Title (en)

FLUID DELIVERY APPARATUS AND METHOD OF MAKING SAME

Title (de)

FLÜSSIGKEITSVERABREICHUNGSVORRICHTUNG UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

DISPOSITIF POUR L'ADMINISTRATION DE LIQUIDES

Publication

EP 0900104 A1 19990310 (EN)

Application

EP 96913291 A 19960501

Priority

- US 9606047 W 19960501
- US 43222195 A 19950501

Abstract (en)

[origin: WO9634651A1] An apparatus (30) for accurately infusing medicinal agents into an ambulatory patient at specific rates over extended periods of time. The apparatus (30) is of a compact, low profile laminate construction and includes an elastic distendable membrane (34), which, in cooperation with a thin planar base (32) defines a fluid chamber (46) having a fluid outlet. Disposed within the fluid chamber (46) is a thin fluid permeable member (66) which precisely controls the rate of fluid flow through the fluid outlet. The apparatus (30) also includes a highly novel fluid flow indicator (104) that provides a readily discernible visual indication of fluid flow through the apparatus (30).

IPC 1-7

A61M 37/00; **A61M 5/14**; **A62C 37/50**; **A61M 5/152**

IPC 8 full level

A61M 37/00 (2006.01); **A61M 5/152** (2006.01); **A61M 5/168** (2006.01)

CPC (source: EP)

A61M 5/152 (2013.01); **A61M 5/16886** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

WO 9634651 A1 19961107; AU 5634496 A 19961121; AU 722783 B2 20000810; BR 9608383 A 19990504; EP 0900104 A1 19990310; EP 0900104 A4 19990310; JP 2002514943 A 20020521; MX 9708395 A 19981031

DOCDB simple family (application)

US 9606047 W 19960501; AU 5634496 A 19960501; BR 9608383 A 19960501; EP 96913291 A 19960501; JP 53344396 A 19960501; MX 9708395 A 19960501