

Publication

EP 0900104 A4 19990310

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

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)

Citation (search report)

- [A] US 3675722 A 19720711 - BALMES MARK E SR
- [A] WO 9509026 A1 19950406 - SCIENCE INC [US], et al
- See references of WO 9634651A1

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