

Title (en)

Fluid-flow control apparatus for a medical fluid container

Title (de)

Vorrichtung zur Ausflusskontrolle für einen Behälter für medizinische Flüssigkeiten

Title (fr)

Dispositif de contrôle d'écoulement de fluide pour un récipient pour fluides médicaux

Publication

EP 0943348 A2 19990922 (EN)

Application

EP 99250073 A 19990311

Priority

US 3970598 A 19980316

Abstract (en)

A fluid-flow control apparatus, e.g., for a medical fluid container, includes a primary closure and a secondary closure. The primary closure may include a rupturable membrane while the secondary closure may include a re-positionable cover or lid which protects the primary closure during shipping and storage and which enables or disables fluid flow. <IMAGE>

IPC 1-7

A61M 5/14; **A61M 39/22**; **A61M 39/20**

IPC 8 full level

A61J 1/05 (2006.01); **A61J 1/10** (2006.01)

CPC (source: EP)

A61J 1/10 (2013.01)

Citation (applicant)

- US 5695840 A 19971209 - MUELLER WALTER B [US]
- US 4948643 A 19900814 - MUELLER WALTER B [US]
- US 5324233 A 19940628 - OWENSBY JOSEPH E [US], et al
- US 5484375 A 19960116 - OWENSBY JOSEPH E [US], et al

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EP 0943348 A2 19990922; **EP 0943348 A3 20000607**; CA 2265200 A1 19990916; ZA 992077 B 19990927

DOCDB simple family (application)

EP 99250073 A 19990311; CA 2265200 A 19990309; ZA 992077 A 19990315