

Title (en)
An improved medication dispensing device

Title (de)
Medikamentenspendervorrichtung

Title (fr)
Appareil de distribution de médicaments

Publication
EP 1882467 A1 20080130 (EN)

Application
EP 06015825 A 20060728

Priority
EP 06015825 A 20060728

Abstract (en)
An improved medication dispensing device includes an apyrexia receptacle (1), a transport pipeline (2), a perfusion device (3), a filter (4), and a dispensing needle (5), which operates in an environment in compliance with Class 100 laminar air ventilation. The perfusion device (3) erected at the middle of the transport pipeline (2) which has two ends linking to the apyrexia receptacle (1) and the filter, respectively. In operation, the perfusion device (3) pumps the prepared medication solution from the apyrexia receptacle (1) to get through the filter (4) to remove particles and bacterium, and a thin tubular dispensing needle (5) which punctures the rubber plug (61) of an aseptic bottle (6). An axial groove (51) rendered in middle section of the dispensing needle (5) forms a pressurized seal part (62) with the rubber plug (61) resiliently wrapped around at the middle of the dispensing needle (5) to discharge redundant air pressure accumulating in the aseptic bottle (6) while keeps outside air from entering.

IPC 8 full level
A61J 1/00 (2006.01)

CPC (source: EP)
A61J 1/20 (2013.01); **A61J 1/1406** (2013.01)

Citation (search report)

- [Y] EP 0143064 A1 19850529 - HOSPAL IND [FR]
- [Y] US 4058121 A 19771115 - CHOKSI PRADIP VINOCHANDRA, et al
- [A] EP 1420255 A2 20040519 - SYSMEX CORP [JP]

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CH DE FR GB LI

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DOCDB simple family (publication)
EP 1882467 A1 20080130; EP 1882467 B1 20090311; DE 602006005647 D1 20090423

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