

Title (en)
INFUSION UNIT

Title (de)
INFUSIONSEINHEIT

Title (fr)
UNITÉ D'INFUSION

Publication
EP 2590540 A1 20130515 (EN)

Application
EP 11754727 A 20110708

Priority
• IT TO20100591 A 20100708
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Abstract (en)
[origin: WO2012004660A1] An infusion unit, wherein a pump (8), for feeding water to an infusion chamber (24) and to a hydraulic cylinder (25) for closing the infusion chamber (24), is equipped with an auto-priming, fast-discharge valve assembly (34), wherein an inner chamber (43) houses a sliding shutter (54) dividing the inner chamber (43) into a first half-chamber (59) communicating with the delivery of the pump (8) via a first port (33), and a second half-chamber (58) communicating with the outside via a second port (35), and with the hydraulic cylinder (25) via a third port (37); the shutter (54) being mounted inside the chamber (43) to move between a normal first position opening the second port (35), and a second position closing the second port (35), and being designed to permit fluid flow from the first port (33) to the second and third port (35, 37) in the first position, and to permit fluid flow from the third port (37) to the second port (35) in the second position.

IPC 8 full level
A47J 31/46 (2006.01)

CPC (source: EP US)
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Citation (search report)
See references of WO 2012004660A1

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