

Title (en)

FLUID RECOVERY DISPENSER HAVING INDEPENDENTLY BIASED VALVES

Title (de)

FLUIDRÜCKGEWINNUNGSSPENDER MIT UNABHÄNGIG VORGESPANNTEN VENTILEN

Title (fr)

BUSE DE DISTRIBUTION À RÉCUPÉRATION POUR FLUIDES, POURVUE DE SOUPAPES À RAPPELS INDÉPENDANTS

Publication

EP 2688833 A4 20160120 (EN)

Application

EP 12760781 A 20120321

Priority

- US 201161454656 P 20110321
- CA 2012000261 W 20120321

Abstract (en)

[origin: WO2012126097A1] A dispenser for delivering a fluid from a source to a vessel, where the dispenser includes a fluid delivery passage for receiving the fluid from the source and delivering the fluid to the vessel, and a fluid recovery passage for receiving fluid from the vessel delivering the fluid to the source. The dispenser also includes a first valve for controlling flow of the fluid through the fluid delivery outlet and a second valve for controlling flow of the fluid through the fluid recovery passage. The dispenser also includes an actuator operatively coupled to the first valve and the second valve for effecting movement of the first valve and the second valve from the respective closed positioned to respective opened positions. The first valve and the second valve are independently biased in their respective closed positions.

IPC 8 full level

B67D 7/54 (2010.01); **B67D 7/46** (2010.01)

CPC (source: EP)

B67D 7/3209 (2013.01); **B67D 7/42** (2013.01); **B67D 7/54** (2013.01)

Citation (search report)

- [XI] US 2005077317 A1 20050414 - GARRISON TIMOTHY M [US], et al
- [X] WO 9911566 A1 19990311 - OPW FUELING COMPONENTS EUROP B [NL], et al
- [X] WO 2010033115 A1 20100325 - FRANKLIN FUELING SYSTEMS INC [US], et al
- [A] DE 4431547 C1 19951012 - EHLERS KARLHEINZ [DE]
- See references of WO 2012126097A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012126097 A1 20120927; CA 2867739 A1 20120927; EP 2688833 A1 20140129; EP 2688833 A4 20160120

DOCDB simple family (application)

CA 2012000261 W 20120321; CA 2867739 A 20120321; EP 12760781 A 20120321