

Title (en)
MULTI-FUNCTIONAL FLUID DISPENSING SYSTEM AND ASSOCIATED METHODS FOR DISPENSING

Title (de)
MULTIFUNKTIONSFLÜSSIGKEITSAUSGABESYSTEM UND ENTSPRECHENDE VERFAHREN ZUR AUSGABE

Title (fr)
SYSTÈME DE DISTRIBUTION DE FLUIDE MULTIFONCTIONNEL ET PROCÉDÉS DE DISTRIBUTION ASSOCIÉS

Publication
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Application
EP 17837758 A 20170804

Priority

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Abstract (en)
[origin: WO2018027129A1] A multi-functional fluid dispensing system and method for dispensing fluid which provides an end-user the ability to control the fluid flow dispensed from the container while, in some embodiments, providing illumination of a target area to which the fluids are desired.

IPC 8 full level
B05B 15/00 (2018.01); **B65D 83/22** (2006.01); **B65D 83/28** (2006.01)

CPC (source: EP US)
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Citation (search report)

- [XY] JP 2012056625 A 20120322 - LION CORP
- [XY] US 2010096477 A1 20100422 - KLEIN II RICHARD J [US], et al
- [XY] US 2003141376 A1 20030731 - HORAN NICHOLAS R [US], et al
- [XY] US 5598972 A 19970204 - KLEIN II RICHARD J [US], et al
- [XI] JP 2016088609 A 20160523 - TOHATA AKIHIDE
- [XY] WO 2011026199 A2 20110310 - NIKSIC NEDZAD [BA]
- [Y] US 8333304 B1 20121218 - HAAGE GREGORY A [US]
- [Y] US 2598308 A 19520527 - SAMUELS ABE O, et al
- See references of WO 2018027129A1

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