

Title (en)
DEVICE FOR ATOMIZING

Title (de)
VORRICHTUNG ZUR ZERSTÄUBUNG

Title (fr)
APPAREIL DE BRUMISATION

Publication
EP 2496363 A1 20120912 (FR)

Application
EP 10702520 A 20100112

Priority
• FR 0900134 A 20090113
• FR 2010000022 W 20100112

Abstract (en)
[origin: WO2010094845A1] The invention relates to a fractioning injector in particular for a Venturi-type mist generation device, comprising a main vein successively comprising an axial convergent vein (3) for receiving a pressurised gas flow, a cylindrical vein (5) and an axial divergent vein (7), said injector further comprising a substantially transverse secondary vein (9) for a liquid flow inlet and opening downstream from the convergent vein (3), characterised in that the axis (zz') of the cylindrical vein (5) is angularly offset relative to the longitudinal axis (xx') of the convergent (3) and divergent (5) veins. The invention also relates to injection devices and to mist generation apparatuses using such an injector.

IPC 8 full level
A61L 2/22 (2006.01); **B05B 7/04** (2006.01); **B05B 7/10** (2006.01)

CPC (source: EP US)
A61L 2/22 (2013.01 - EP US); **B05B 7/0433** (2013.01 - EP US); **B05B 7/10** (2013.01 - EP US); **A61L 2209/15** (2013.01 - EP US)

Citation (search report)
See references of WO 2010094845A1

Cited by
EP2781643A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
FR 2940923 A1 20100716; FR 2940923 B1 20120224; AU 2010215339 A1 20110811; BR PI1007368 A2 20160216; CA 2749414 A1 20100826; CN 102307669 A 20120104; EP 2496363 A1 20120912; JP 2012515071 A 20120705; MX 2011007481 A 20111101; RU 2011134070 A 20130220; US 2011266376 A1 20111103; WO 2010094845 A1 20100826

DOCDB simple family (application)
FR 0900134 A 20090113; AU 2010215339 A 20100112; BR PI1007368 A 20100112; CA 2749414 A 20100112; CN 201080004835 A 20100112; EP 10702520 A 20100112; FR 2010000022 W 20100112; JP 2011544901 A 20100112; MX 2011007481 A 20100112; RU 2011134070 A 20100112; US 201013144174 A 20100112