

Title (en)

MACHINE, IN PARTICULAR BOTTLE-CLEANING OR BOTTLE-PASTEURIZING MACHINE, FOR TREATMENT OF CONTAINERS

Title (de)

MASCHINE, INSBESONDERE FLASCHENREINIGUNGS- ODER PASTEURISIERMASCHINE, ZUM BEHANDELN VON BEHÄLTERN

Title (fr)

MACHINE, EN PARTICULIER MACHINE DE NETTOYAGE DE BOUTEILLES OU BIEN MACHINE DE PASTEURISATION, POUR LE TRAITEMENT DES RECIPIENTS

Publication

EP 2183063 A1 20100512 (DE)

Application

EP 08785267 A 20080731

Priority

- EP 2008006326 W 20080731
- DE 102007041351 A 20070830

Abstract (en)

[origin: US2012024327A1] A machine for treating containers, having a plurality of spray tubes which are oriented transversely to a distributor channel, and of which each is secured in a releasable manner, on at least one end, to a cutout of the distributor channel, the spray-tube end and the distributor channel have provided thereinbetween a bayonet lock which can be released by a partial rotary movement about an axis of rotation, essentially parallel to the spray-tube axis. The bayonet lock is provided with a seal and has locking elements which are in mutual engagement with one another on the distributor channel and on the spray-tube end.

IPC 8 full level

B08B 9/28 (2006.01); **B08B 9/34** (2006.01); **F16L 37/248** (2006.01)

CPC (source: EP US)

B08B 9/28 (2013.01 - EP US); **B08B 9/34** (2013.01 - EP US)

Citation (search report)

See references of WO 2009030323A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

US 2012024327 A1 20120202; AT E522287 T1 20110915; BR PI0814487 A2 20150203; BR PI0814487 A8 20181211; BR PI0814487 B1 20190625; CN 101815588 A 20100825; CN 101815588 B 20130320; DE 102007041351 A1 20090305; EP 2183063 A1 20100512; EP 2183063 B1 20110831; WO 2009030323 A1 20090312

DOCDB simple family (application)

US 67401008 A 20080731; AT 08785267 T 20080731; BR PI0814487 A 20080731; CN 200880105595 A 20080731; DE 102007041351 A 20070830; EP 08785267 A 20080731; EP 2008006326 W 20080731