

Title (en)
Container cleaning apparatus

Title (de)
Vorrichtung zum Reinigen von Behältern

Title (fr)
Dispositif de nettoyage de récipients

Publication
EP 2221118 B1 20110817 (DE)

Application
EP 10150845 A 20100115

Priority
DE 102009010182 A 20090223

Abstract (en)
[origin: EP2221118A1] The device (1) has a spraying device (7) for cleaning agent i.e. fresh water, and a conveying device (3) for conveying a container (2) in a predetermined conveying direction (F) through a set of cleaning stations (4) arranged in series. Each cleaning station includes a supply line (6) for supplying the cleaning agent to the spraying device. A return device (12) transfers the used agent from the cleaning station succeeding in the conveying direction into a preceding cleaning station. The return device includes return lines (12.1-12.3) terminating in the supply line for the spraying device.

IPC 8 full level
B08B 9/30 (2006.01)

CPC (source: EP US)
B08B 9/30 (2013.01 - EP US)

Cited by
CN104858192A

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)
EP 2221118 A1 20100825; EP 2221118 B1 20110817; AT E520477 T1 20110915; CN 101829664 A 20100915; DE 102009010182 A1 20100826; US 2010212699 A1 20100826

DOCDB simple family (application)
EP 10150845 A 20100115; AT 10150845 T 20100115; CN 201010176758 A 20100222; DE 102009010182 A 20090223; US 70963810 A 20100222