

Title (en)

Automatic apparatus for flushing operating machines

Title (de)

Automatische Vorrichtung zum Spülen von Betriebsmaschinen

Title (fr)

Appareil automatique pour le rinçage de machines en fonctionnement

Publication

**EP 2110359 B1 20130605 (EN)**

Application

**EP 09157067 A 20090401**

Priority

IT MI20080672 A 20080415

Abstract (en)

[origin: EP2110359A1] Apparatus for flushing pipes and/or nozzles (110) in operating machines, comprising a ring (200) to which the following are connected: - a plurality of radially extending cups (210), means (260) able to cause rotation of the ring (200) from an angular rest position into an angular working position where the cups (210) are coaxial with the parts to be flushed and vice versa; - means (250) for moving the ring (200) in both directions along a vertical axis (Z-Z) from an axial rest position into an axial working position where the cups (210) are sealingly engaged with the nozzles (110) to be flushed, said cups being connected to a header (220) for collecting the flushing liquid.

IPC 8 full level

**B67C 3/00** (2006.01)

CPC (source: EP)

**B67C 3/004** (2013.01)

Cited by

DE102015101751A1; FR2950609A1; US8944121B2; WO2016008707A1; WO2021121917A1; WO2011039270A1; US10703516B2

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 TR

DOCDB simple family (publication)

**EP 2110359 A1 20091021; EP 2110359 B1 20130605**; CN 101559912 A 20091021; CN 101559912 B 20130807; ES 2425492 T3 20131015; IT MI20080672 A1 20091016

DOCDB simple family (application)

**EP 09157067 A 20090401**; CN 200910133567 A 20090414; ES 09157067 T 20090401; IT MI20080672 A 20080415