

Title (en)

Control device and device for the protection of metallic components

Title (de)

Steuervorrichtung und Anlage für die Konservierung metallischer Bauteile

Title (fr)

Dispositif de commande et installation de protection de composants métalliques

Publication

**EP 2740543 A3 20140903 (DE)**

Application

**EP 13194846 A 20131128**

Priority

DE 102012111955 A 20121207

Abstract (en)

[origin: EP2740543A2] The device has a tubular supply pipe (1) for supplying corrosion inhibitor to control valve (2) with a switching pipe (3). A drive (23) is configured to rotate switching shaft (4) provided in the switching pipe. The outlet ports (16a,16b) and outlet passages (17a,17b) respectively provided radially around switching pipe and switching shaft, are arranged such that relative angular positions of switching shaft with respect to switching pipe are configured to supply corrosion inhibitor to the interior (12) of supply pipe via lead portion (13). An independent claim is included for system for protection of metallic components and motor vehicle body.

IPC 8 full level

**B05B 1/16** (2006.01); **B05B 13/06** (2006.01); **B05B 15/06** (2006.01); **B05B 15/658** (2018.01); **B05C 5/02** (2006.01); **F16L 41/08** (2006.01)

CPC (source: EP US)

**B05B 1/1672** (2013.01 - EP); **B05B 1/3093** (2013.01 - EP); **B05B 13/0627** (2013.01 - EP); **B05B 15/658** (2018.01 - EP US); **B05B 13/0609** (2013.01 - EP)

Citation (search report)

- [AD] DE 10115963 A1 20021010 - VOLKSWAGEN AG [DE]
- [A] DE 4317628 C1 19940317 - DUERR GMBH & CO [DE]
- [A] DE 102009048899 A1 20110414 - EISENMANN ANLAGENBAU GMBH & CO [DE]
- [A] DE 102010034921 A1 20120223 - DUERR SYSTEMS GMBH [DE], et al

Cited by

EP4299192A1; EP3150285A1; CN109433522A; WO2019201365A1; DE102022116393A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2740543 A2 20140611**; **EP 2740543 A3 20140903**; **EP 2740543 B1 20150902**; DE 102012111955 A1 20140612; ES 2548712 T3 20151020; PT 2740543 E 20151021

DOCDB simple family (application)

**EP 13194846 A 20131128**; DE 102012111955 A 20121207; ES 13194846 T 20131128; PT 13194846 T 20131128