

Title (en)

Compressed air maintenance unit, and consumer control device equipped with the same

Title (de)

Druckluft-Wartungsgerät und damit ausgestattete Verbrauchersteuervorrichtung

Title (fr)

Unité de traitement d'air comprimé et dispositif de commande d'un consommateur équipé de celle-ci

Publication

**EP 2728205 A3 20171206 (DE)**

Application

**EP 13003650 A 20130720**

Priority

DE 102012021533 A 20121031

Abstract (en)

[origin: EP2728205A2] The compressed air-maintenance device (2) has an electrically actuatable switching valve (14) which has a power supply unit (16) and a work output (17), where the power supply unit is connected with a compressed air source (P). A housing outlet (7) is connected with an external consumer device (A). The switching valve is formed as two by two-way valve of normally open type and is biased by a spring unit (19) in the open position, so that it always takes up the open position in the absence of the electrical switching signal.

IPC 8 full level

**F15B 21/048** (2019.01)

CPC (source: EP)

**F15B 21/048** (2013.01); **F15B 2211/3138** (2013.01); **F15B 2211/31529** (2013.01); **F15B 2211/327** (2013.01); **F15B 2211/6309** (2013.01); **F15B 2211/6323** (2013.01); **F15B 2211/857** (2013.01); **F15B 2211/8855** (2013.01)

Citation (search report)

- [YD] DE 102011012558 B3 20120712 - FESTO AG & CO KG [DE]
- [Y] DE 102005057004 B3 20070405 - KNORR BREMSE SYSTEME [DE]
- [Y] DE 102007005987 A1 20080821 - KNORR BREMSE SYSTEME [DE]

Cited by

DE102018202416A1; CN112673237A; US10731679B2

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 2728205 A2 20140507**; **EP 2728205 A3 20171206**; **EP 2728205 B1 20201014**; DE 102012021533 A1 20140430

DOCDB simple family (application)

**EP 13003650 A 20130720**; DE 102012021533 A 20121031