

Title (en)
COMPRESSED-AIR PREPARATION SYSTEM, IN PARTICULAR FOR A COMPRESSED-AIR PREPARATION UNIT OF A UTILITY VEHICLE

Title (de)
DRUCKLUFTAUFBEREITUNGSSYSTEM, INSBESONDERE FÜR EINE DRUCKLUFTAUFBEREITUNGSANLAGE EINES NUTZFAHRZEUGS

Title (fr)
SYSTÈME DE TRAITEMENT D'AIR COMPRIMÉ, EN PARTICULIER POUR UNE INSTALLATION DE TRAITEMENT D'AIR COMPRIMÉ D'UN VÉHICULE UTILITAIRE

Publication
EP 3454973 A1 20190320 (DE)

Application
EP 17723080 A 20170511

Priority
• DE 102016208355 A 20160513
• EP 2017061318 W 20170511

Abstract (en)
[origin: WO2017194671A1] A compressed-air preparation system for a compressed-air preparation unit of a utility vehicle has a compressed-air preparation device (30), an air-dryer cartridge (10) and a sealing ring (68) to provide a seal between the air-dryer cartridge (10) and the compressed-air preparation device (30). The air-dryer cartridge (10) has a cartridge casing (14) with a closed casing lid (16), a desiccant (60) contained in the cartridge casing (14), an attachment flange (18) for closing an open end face, facing the casing lid (16), of the cartridge casing (14) and for attaching the air-dryer cartridge (10) to the compressed-air preparation device (30), and a bottom plate (26). The bottom plate (26) is arranged on that side of the attachment flange (18) that is oriented away from the casing lid (16) of the cartridge casing (14), and has a receiving section (72), extending away from the attachment flange (18), for forming a sealing ring receiving portion (70) for receiving the sealing ring (68) on that side of the receiving section (72) that is oriented toward a longitudinal axis (12) of the air-dryer cartridge. In that context, the receiving section (72) for the sealing ring (68) provides, in a radial direction (13r) perpendicular to the longitudinal axis (12) of the air-dryer cartridge (10), an outer bearing face and the receiving section (72) extends, on a side oriented away from the cartridge casing (14), at least partially below the sealing ring (68).

IPC 8 full level
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CPC (source: EP KR RU)
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Citation (search report)
See references of WO 2017194671A1

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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

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DOCDB simple family (publication)
WO 2017194671 A1 20171116; BR 112018072852 A2 20190306; CN 109475805 A 20190315; DE 102016208355 A1 20171116; EP 3454973 A1 20190320; JP 2019516546 A 20190620; KR 20190008330 A 20190123; RU 2700995 C1 20190924

DOCDB simple family (application)
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