

Title (en)
AIR DRYING DEVICE

Title (de)
LUFTTROCKNERVORRICHTUNG

Title (fr)
DISPOSITIF DE SÉCHAGE D'AIR

Publication
EP 3775580 A1 20210217 (EN)

Application
EP 18870911 A 20181024

Priority
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• SE 2018000027 W 20181024

Abstract (en)
[origin: WO2019083422A1] Air-drying device (1) for dehumidifying air, gas, gases or the like in containers in hydraulic systems in which a variable volume of liquid and air, gas or the like is stored. The air-drying device (1) comprising at least one cooling dryer (2) comprising at least one condensation space (8) and at least one cooling element such as, for example, at least one peltier element (13). In the condensation space (8) dehumidification of air occurs through condensation into liquid which accumulates in at least one collecting container (15). The air-drying device (1) comprises at least one first inner tubular body (26) and at least one outer tubular outer body (27) between which an intermediate space (28) constitutes a channel (10) for air to the condensation space (8). The condensation space (8) directly or indirectly via at least one second channel (12) and at least one connecting device (35) communicates with the hydraulic tank. The air-drying device (1) comprises at least one end (29) connected or integrated with one end of the first tubular inner body (26) and one end of the second tubular outer body (27). The air-drying device (1) comprises at least one detachably mounted adapter (33).

IPC 8 full level
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CPC (source: EP SE)
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B01D 53/265 (2013.01 - EP SE); **B60H 1/00478** (2013.01 - EP); **B60H 1/3233** (2013.01 - EP); **B60H 3/024** (2013.01 - EP);
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