

Title (en)

Method for collecting condensate inside an apparatus, apparatus equipped with a condensate collection system and motor-pump assembly intended for a condensate collection system

Title (de)

Verfahren zum Sammeln von Kondensat innerhalb einer Vorrichtung, Vorrichtung mit einem Kondensatsammelsystem und Motor-Pumpe-Aggregat für das Kondensatsammelsystem

Title (fr)

Méthode de collecte de condensat à l'intérieur d'un appareil, dispositif équipé d'un système de récupération des condensats et de l'ensemble moteur-pompe destiné à un système de collecte de condensat

Publication

**EP 2808548 B1 20170726 (EN)**

Application

**EP 13425078 A 20130528**

Priority

EP 13425078 A 20130528

Abstract (en)

[origin: EP2808548A1] Method for collecting the condensate inside an apparatus (500), said method comprising the following steps: - providing a condensate collection system comprising: a bottom collection tank and a top collection tank; a condensate discharge pump intended to displace liquid from the bottom collection tank to the top collection tank; and an overflow system which causes displacement of the liquid contained in the top collection tank and exceeding an overflow level into the bottom collection tank; - collecting a condensed liquid during operation of said apparatus in the bottom collection tank; - actuating (200, 300) said condensate discharge pump so as to displace said condensed liquid from the bottom collection tank into the top collection tank; - detecting (400) a low load condition of said condensate discharge pump, actuation of the condensate discharge pump being interrupted (550) upon detection of said low load condition; - performing (100, 600) a measurement of the actuating time (T<sub>2</sub>) of the condensate discharge pump, with signalling (700) of a full condition of the condensate collection system when this actuating time (T<sub>2</sub>) exceeds a maximum time (T<sub>2lim</sub>).

IPC 8 full level

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CPC (source: EP US)

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Cited by

CN114135998A; CN114294249A; EP4227596A3; US2014352333A1; US9593685B2; EP3301217A1; WO2016124349A1; EP2902630A1

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