

Title (en)

A SYSTEM AND A METHOD FOR MONITORING AN EXPANSION VESSEL

Title (de)

SYSTEM UND VERFAHREN ZUR ÜBERWACHUNG EINES AUSDEHNUNGSGEFÄSSES

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE D'UN VASE D'EXPANSION

Publication

EP 4130585 A1 20230208 (EN)

Application

EP 21189760 A 20210805

Priority

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Abstract (en)

A system and a method for monitoring an expansion vessel (10) on a closed liquid circulation system are disclosed herein. The system comprises a first flow meter (43) connected to a first section of the piping terminating to the expansion vessel (10), configured to measure a flow to/from the expansion vessel (10); a first pressure sensor (61) connected to the closed liquid circulation system, configured to measure an internal pressure of the closed liquid circulation system; a controller (20) configured to receive flow information from the first flow meter (43) and pressure information from the first pressure sensor (61); wherein the controller (20) is configured to compare the internal pressure of the closed liquid circulation system and the flow information to defined limits; and indicate a malfunction if the defined limits are exceeded.

IPC 8 full level

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Citation (search report)

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- [XYI] WO 2017212226 A1 20171214 - COOK BERNARD [GB]
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