

Title (en)

Method of controlled passivation of the inside walls of a carbon steel cooling system and use of the process to check both the passivation of the metal and the cooling water quality

Title (de)

Verfahren zur kontrollierten Passivierung der Innenwände eines Kühlkreislaufsystems aus Kohlenstoffstahl und Anwendung des Verfahrens zur Bestimmung des Passivierungszustandes und zur Prüfung der Qualität der Kühlflüssigkeit

Title (fr)

Procédé de passivation contrôlée des parois intérieures d'un système de refroidissement en acier au carbone et utilisation du procédé pour le control de la passivation et du qualité de l'eau de refroidissement

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0482614A1] The invention relates to a method of controlled passivation of the inside walls of a carbon-steel cooling circulation system which is open to the air and/or closed, with an aqueous coolant circulating therein and containing alkali metal bicarbonate and alkaline earth metal bicarbonate, and to the use of this method for determining the passivation state of the metallic contact surfaces, for controlling the corrosion inhibition and for checking the quality of the coolant, especially water. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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