

Title (en)

METHOD AND DEVICE FOR CLEANING OF COKED CAVITIES, IN PARTICULAR FOR INTAKE PASSAGES AND VALVES IN AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REINIGUNG VON VERKOKTEN HOHLRÄUMEN, INSBESONDERE VON EINLASSKANÄLEN UND VENTILEN EINES VERBRENNUNGSMOTORS

Title (fr)

PROCEDE ET DISPOSITIF POUR LE DECALAMINAGE DE CORPS CREUX, EN PARTICULIER DE CONDUITS D'ADMISSION ET DE SOUPAPES DE MOTEUR A COMBUSTION INTERNE

Publication

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Application

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Abstract (en)

[origin: WO2012025227A1] The invention relates to a method for cleaning coked cavities, in particular inlet channels (10) and valves (15) of an internal combustion engine (12), comprising the following steps: introducing an alkaline liquid into a cavity to be cleaned; heating the alkaline liquid; and extracting the alkaline liquid and the dirt particles contained therein by suction from the cavity. Said method can be carried out especially simply and effectively using a device comprising a first probe (21), which is provided at the leading end thereof with one or more nozzles (23) for injecting an alkaline liquid into the cavity to be cleaned and which is connected at the other end thereof to the delivery side (24) of a pump (25), wherein warmed alkaline liquid can be supplied to the intake side (26) of said pump. A second probe (22) is provided for extracting the alkaline fluid and the dirt particles contained therein by suction from the cavity.

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