

Title (en)

METHOD AND DEVICE FOR LOW-PRESSURE CARBURISING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM UNTERDRUCKAUFKOHLEN

Title (fr)

PROCEDE ET DISPOSITIF DE CARBURATION EN DEPRESSION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004031432A2] A method and a device for sub-atmospheric pressure carburising are disclosed, whereby a hydrocarbon-containing process gas is at least temporarily introduced into a processing chamber and an exhaust stream is drawn off the processing chamber by means of at least one vacuum pump. According to the invention, a reference sample (6), with a defined carburisation surface, is introduced into the processing chamber (3), the mass flow of the hydrocarbon-containing process gas (1) is determined by means of a weighing process carried out on the reference sample (6) and the introduction of the hydrocarbon-containing process gas (1) into the process chamber (3) regulated, depending on the determined mass flow.

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