

Title (en)
METHOD FOR CARBURISING WORKPIECES AND ASSOCIATED USE

Title (de)
VERFAHREN ZUR AUFKOHLUNG VON WERKSTÜCKEN SOWIE VERWENDUNG

Title (fr)
PROCÉDÉ DE CARBURATION DE PIÈCES, ET SON UTILISATION

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EP 08804176 A 20080915

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Abstract (en)
[origin: WO2009047084A2] The invention relates to a method for carburising steel workpieces, especially workpieces having outer and inner surfaces, whereby said workpiece is maintained at a temperature of between 850 and 1050°C in an atmosphere containing gaseous hydrocarbon. At least two different gaseous hydrocarbons are used and/or the workpiece is held alternately, during a carburising pulse (13), in the atmosphere containing the gaseous hydrocarbon, and during a diffusion phase (15, 17), in an atmosphere which is free of hydrocarbon. The invention also relates to a use of said method.

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