

Title (en)  
METHOD AND DEVICE FOR CARBONIZING METALLIC PIECES

Publication  
**EP 0049530 B1 19850605 (DE)**

Application  
**EP 81108034 A 19811007**

Priority  
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Abstract (en)  
[origin: ES8206658A1] A method of carburizing a metal workpiece and a carburizing apparatus in which the workpiece, generally of steel, is introduced into an annealing oven and subjected to a high temperature in the presence of a carbon-containing gas mixture as a result of which the workpiece is hardened. According to the invention, one or more of the carbon-containing gas components of the mixture effective upon the surface of the work-piece, can be periodically and impulsively injected into the gas mixture for sudden increases in carbon potential followed by longer diffusion phase.

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IPC 8 full level  
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CPC (source: EP US)  
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Cited by  
DE10232432A1; DE3507527A1; FR2678287A1; DE3714283C1; EP0156378A3; DE102007047074A1; DE3707003A1; DE4221958C1; EP0080124A3; EP0532386A1; FR2681332A1; EP2541176A3; EP2541177A3; WO03097893A1; WO2012048669A1; US8828150B2

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