

Title (en)  
METHOD FOR MANUFACTURING NITRIDED PARTS

Title (de)  
VERFAHREN ZUR HERSTELLUNG NITRIDIERTER FORMTEILE

Title (fr)  
PROCÉDÉ DE FABRICATION DE PIÈCES NITRURÉES

Publication  
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Application  
**EP 99946245 A 19990928**

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Abstract (en)  
[origin: WO0018975A1] The invention concerns a steel composition comprising, expressed in wt.%: 0.2 to 0.4 % of C; 0.8 to 2 % of Cr; 0.6 to 2 % of Mo; 0.05 to 0.4 % of Al; and as the case may be, not more than 0.5 % of Si; not more than 1.5 % of Mn; not more than 1.5 % Ni; not more than 0.5 % of V; the rest consisting of iron and residual impurities; said composition Cr, Mo, V and Al contents expressed in wt.% satisfies the following relationship:  $4 \leq 3Cr + Mo + V + 2Al \leq 8$ . The invention also concerns a method for making treated and nitrided parts, made of said compositions.

IPC 1-7  
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IPC 8 full level  
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