

Title (en)  
TiAl ALLOY AND ITS USE

Title (de)  
TiAl-LEGIERUNG UND IHRE VERWENDUNG

Title (fr)  
ALLIAGE TiAl ET SON APPLICATION

Publication  
**EP 0948658 A1 19991013 (DE)**

Application  
**EP 97948908 A 19971110**

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Abstract (en)  
[origin: WO9821375A1] The invention relates to a TiAl alloy with 0.1 to 0.5 at % Si and 0.5 to 0.4 at % Mo as well as the use of said alloy as material for the production of semi-finished products hot shaped in temperatures ranging from 1,100 to 1,350 DEG C, specially extruded semi-finished products and of final products resulting therefrom with a yield stress of at least 700 MPa at ambient temperature, specially of admission and exhaust valves for combustion engines.

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