

Title (en)

STEEL MATERIAL WITH HIGH THERMAL RESISTANCE FOR PRODUCING ENGINE PISTON UPPER PARTS

Title (de)

STAHLWERKSTOFF MIT HOHER WARMFESTIGKEIT ZUR HERSTELLUNG VON MOTORKOLBENOBerteilen

Title (fr)

MATERIAU D'ACIER A HAUTE RESISTANCE THERMIQUE UTILE POUR PRODUIRE LES PARTIES SUPERIEURES DE PISTONS DE MOTEURS

Publication

**EP 0824602 A1 19980225 (DE)**

Application

**EP 96905866 A 19960306**

Priority

- CA 2220255 A 19960306
- EP 9600954 W 19960306

Abstract (en)

[origin: WO9733010A1] A steel material is useful for producing the upper part of engine pistons with high wear, corrosion and heat resistance. This steel has the following composition (in % by weight): 1.20 to 1.50 Mn; 0.50 to 0.80 Si; 0.35 to 0.40 C; 0.10 to 0.50 Mo; 0.08 to 0.13 V; 0.010 to 0.065 S; 0.015 to 0.050 Al;  $\leq 0.035$  P, the remainder being iron and production impurities.

IPC 1-7

**C22C 38/12**

IPC 8 full level

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CPC (source: EP)

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