

Title (en)

STEEL COMPOSITION, METHOD FOR MAKING SAME AND PARTS PRODUCED FROM SAID COMPOSITIONS, PARTICULARLY VALVES

Title (de)

STAHLZUSAMMENSETZUNG, HERSTELLUNGSVERFAHREN UND HERGESTELLTE FORMTEILE AUS DIESEN ZUSAMMENSETZUNGEN  
INSBESONDERE VENTILEN

Title (fr)

COMPOSITION D'ACIER, PROCEDE DE FABRICATION ET PIECES FORMEES DANS CES COMPOSITIONS, EN PARTICULIER SOUPAPES

Publication

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Application

**EP 01931816 A 20010507**

Priority

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- FR 0005967 A 20000510

Abstract (en)

[origin: WO0186009A1] The invention concerns a steel composition comprising, expressed in weight percentages: 0.25-0.35 % of C, 24-28 % of Cr, 10-15 % of Ni, 3-6 % of Mn, 1.75-2.50 % of Nb, 0.50-0.70 % of N, 0-0.30 % of Si, provided that C+N >= 0.8 %, the rest consisting mainly of iron and unavoidable impurities. The invention also concerns a method for making said compositions and valves produced from said compositions or using said method and exhibiting excellent mechanical strength and oxidation resistance at temperatures between 800 and 900 DEG C.

IPC 1-7

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IPC 8 full level

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