

Title (en)

High-strength austenitic heat-resisting steel having improved weldability

Title (de)

Hochfester wärmebeständiger austenitischer Stahl mit verbesserter Schweissbarkeit

Title (fr)

Acier thermorésistant austénitique à résistance élevée ayant une soudabilité améliorée

Publication

EP 0780483 B1 20020417 (EN)

Application

EP 96120536 A 19961219

Priority

- JP 33234195 A 19951220
- JP 13541296 A 19960529

Abstract (en)

[origin: EP0780483A1] A high-strength austenitic heat-resisting steel, having improved weldability, consisting of less than 0.05 wt% C, not more than 5 wt% Si, less than 2 wt% Mn, not more than 0.03 wt% P, not more than 0.005 wt% S, 15 to 20 wt% Cr, 6 to 15 wt% Ni, 1.5 to 10 wt% W, more than 0.1 up to 0.5 wt% Nb, 0.05 to 1.5 wt% V, more than 0.15 up to 0.4 wt% N, and the balance consisting of Fe and unavoidable impurities.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Cited by

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