

Title (en)

Semi-finished steel article and method for producing same.

Title (de)

Vorgearbeiteter Stahlartikel und Verfahren zu seiner Herstellung.

Title (fr)

Produit semi-fini en acier et procédé pour sa fabrication.

Publication

EP 0045815 A1 19820217 (EN)

Application

EP 80104708 A 19800811

Priority

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Abstract (en)

A steel billet is produced having free machining properties and substantially devoid of surface cracking in the as-deformed condition and without surface conditioning. The steel contains bismuth and tellurium and may contain lead but in a smaller amount than is conventional in leaded, free machining steels. The billet was hot deformed at a temperature above about 920 DEG C (1700 DEG F) and below 1150 DEG C (2100 DEG F). The steel contains inclusions of MnTe and Bi₂Te₃ as well as elemental Bi.

IPC 1-7

C22C 38/60; **C21C 7/00**; **C21D 7/13**

IPC 8 full level

C21D 7/13 (2006.01); **C22C 38/60** (2006.01)

CPC (source: EP)

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Citation (search report)

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