

Title (en)
SEMI-FINISHED STEEL ARTICLE AND METHOD FOR PRODUCING SAME

Publication
EP 0045815 B1 19840711 (EN)

Application
EP 80104708 A 19800811

Priority
EP 80104708 A 19800811

Abstract (en)
[origin: EP0045815A1] 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)
C21D 7/13 (2013.01); **C22C 38/60** (2013.01)

Citation (examination)
DE 2937908 A1 19800403 - DAIDO STEEL CO LTD

Cited by
GB2191507A; DE3718771A1; GB2191507B

Designated contracting state (EPC)
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