

Title (en)

Method for producing deep drawing steel sheets

Title (de)

Verfahren zum Herstellen von Tiefziehblechen

Title (fr)

Procédé de fabrication de tôles minces destinées à l'emboutissage

Publication

EP 0521808 B1 20020807 (FR)

Application

EP 92470020 A 19920611

Priority

FR 9108565 A 19910704

Abstract (en)

[origin: EP0521808A1] Steel with improved deep-drawability is characterised in that it contains carbon in a proportion of less than 0.015 %, manganese in a proportion of 0.15 to 0.25 %, sulphur in a proportion of less than 0.012 % and aluminium in a proportion of less than 0.04 %.
<??>This steel is intended for the manufacture of thin sheet metal intended for deep drawing, by a process comprising particularly the following operations: - production in a converter of a steel which has the above composition; - hot rolling entirely in an austenitic region; - reeling at a temperature above 650 DEG C; - continuous annealing, after cold rolling, at a temperature below 700 DEG C.

IPC 1-7

C21D 8/04

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

EP0896069A1; FR2767078A1; US6109336A; EP0764725A1; FR2739105A1; EP0703298A1; FR2724946A1; US5645656A; EP0699769A1; FR2723964A1; FR2730942A1; US6056832A; US6767415B1; WO9701403A1; WO9800248A1; WO9626295A1; EP1088905B2

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