

Title (en)

Agricultural mould-boards and method for manufacturing same.

Title (de)

Pflugstreichbleche und Verfahren zu deren Herstellung.

Title (fr)

Versoirs pour charrue et procédé pour leur fabrication.

Publication

EP 0011365 A1 19800528 (EN)

Application

EP 79302060 A 19791001

Priority

- GB 7838955 A 19781002
- GB 7911745 A 19790404

Abstract (en)

The invention is an agricultural mouldboard formed from a steel containing sulphur or sulphides into which there has been incorporated sufficient of a rare earth element or elements or at least one other sulphide shape modifying element to form sulphides or substantially globular form. A particularly useful steel has a composition, by weight, substantially as follows: 0.6 to 1.2% carbon; up to 0.35% silicon; up to 0.02% sulphur; up to 0.05% phosphorus; 0.5 to 1.5% manganese; up to 1.0% chromium; up to 0.10% rare earth element or other sulphide shape modifying element. The mouldboard is made by gradually and uniformly heating a blank of the modified steel in a furnace to a temperature whereat it can be formed, forming said blank into the desired mouldboard shape, and quenching the thus formed article.

IPC 1-7

C22C 38/00; **C21D 9/00**; **A01B 15/08**

IPC 8 full level

C22C 38/00 (2006.01)

CPC (source: EP)

C22C 38/002 (2013.01)

Citation (search report)

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