

Title (en)

Pickling process for steel materials, in particular stainless steel.

Title (de)

Verfahren zum Beizen von Gegenständen aus Stahl, insbesondere aus rostfreiem Stahl.

Title (fr)

Procédé de décapage de matériaux en acier, notamment en acier inoxydable.

Publication

EP 0442775 B1 19950426 (FR)

Application

EP 91400252 A 19910201

Priority

FR 9001481 A 19900208

Abstract (en)

[origin: EP0442775A1] Process for pickling steel materials, especially stainless steel, characterised in that the materials are treated with an aqueous solution containing ferrous ions and ferric ions and an organic acid which does not oxidise iron in a sufficient quantity to maintain the Fe<2+> and Fe<3+> ions in solution, the ferrous and ferric ions being present in the solution in a Fe<2+>/Fe<3+> ratio of between 10/90 and 40/60, and in that the Fe<2+>/Fe<3+> ratio is maintained in the specified range by adding hydrogen peroxide.

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C23G 1/08

IPC 8 full level

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