

Title (en)

Crucible for receiving salt baths for treating steels with boron.

Title (de)

Tiegel zur Aufnahme von Salzbädern für das Borieren von Stählen.

Title (fr)

Creuset pour la réception de bains de sel pour la boruration d'aciers.

Publication

EP 0133646 A1 19850306 (DE)

Application

EP 84107595 A 19840629

Priority

DE 3328355 A 19830805

Abstract (en)

[origin: US4610437A] There is provided a crucible for containing salt baths for the boriding of steels which has a high service life made of a steel which consists of (or consists essentially of) 0.05-0.8% carbon, 0.8-2.5% silicon, 0.1-2.0% manganese, 0-1.5% aluminum, 6-30% chromium, 4-39% nickel and the balance iron.

Abstract (de)

Tiegel zur Aufnahme von Salzbädern für das Borieren von Stählen zeigen dann hohe Standzeiten, wenn als Werkstoff Stähle mit 0,05 - 0,8% Kohlenstoff, 0,8 - 2,5% Silizium, 0,1 - 2,0 % Mangan, 0 - 1,5% Aluminium, 6 - 30% Chrom, 4 - 39 % Nickel, Rest Eisen verwendet werden.

IPC 1-7

C23C 8/40; **C23C 8/42**; **C23C 8/68**; **C23C 8/70**; **C22C 38/40**

IPC 8 full level

C23C 8/70 (2006.01); **C22C 38/40** (2006.01); **C23C 8/40** (2006.01); **C23C 8/42** (2006.01); **C23C 8/68** (2006.01); **F27B 14/10** (2006.01)

CPC (source: EP US)

C22C 38/40 (2013.01 - EP US); **C23C 8/40** (2013.01 - EP US)

Citation (search report)

- CH 138371 A 19300228 - AUBERT & DUVAL FRERES [FR]
- DE 2517519 B2 19810430
- EP 0059896 A1 19820915 - FISCHER AG GEORG [CH]

Cited by

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AT BE CH DE FR GB IT LI LU NL SE

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