

Title (en)
LOW PRESSURE CARBONITRIDING METHOD AND DEVICE

Title (de)
NIEDERDRUCKCARBONITRIERVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCEDE ET FOUR DE CARBONITRURATION A BASSE PRESSION

Publication
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Application
EP 06743815 A 20060419

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- FR 0550996 A 20050419

Abstract (en)
[origin: CA2604785A1] The invention relates to a method for carbonitriding a steel part placed in an enclosure (14) held at a low internal pressure wherein the steel part is held within a temperature range. The inventive method consists in alternating first and second stages, in injecting a cementing gas into the enclosure only during the first stages and in injecting a nitriding gas into the enclosure during at least one part of at least two second stages.

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Citation (search report)
See references of WO 2006111683A1

Cited by
WO2013064335A1; WO2013064336A1; WO2013064337A1; CN108893705A; FR2981949A1; FR2981947A1; FR2981948A1; CN103946412A; US9765422B2; US9708704B2; US10156006B2; US10934611B2; US9617632B2; US9938615B2; US10246766B2; US11035032B2

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