

Title (en)
Forging and a method for its manufacture.

Title (de)
Schmiedestück und Verfahren zu ihrer Herstellung.

Title (fr)
Pièce forgée et procédé pour sa fabrication.

Publication
EP 0572246 A1 19931201 (EN)

Application
EP 93304100 A 19930526

Priority
FI 922461 A 19920529

Abstract (en)
For producing a forging with good fatigue strength the billet for the desired forging is made of a material which, in addition to iron, contains the following elements: C from 0.2 to 0.6 percent by weight Si from 1.25 to 2.0 percent by weight Mn from 0.5 to 1.5 percent by weight V from 0.04 to 0.2 percent by weight S from 0 to 0.2 percent by weight Cr from 0 to 0.5 percent by weight Al from 0 to 0.1 percent by weight N from 0 to 0.04 percent by weight Nb from 0 to 0.1 percent by weight Ti from 0 to 0.05 percent by weight. The billet is forged at a temperature of more than 800 DEG C. Subsequently, the billet, which has now become a forging, is cooled in air or gas substantially uniformly acting on the forging.

IPC 1-7
C22C 38/12; **C22C 38/02**

IPC 8 full level
C22C 38/02 (2006.01); **C22C 38/12** (2006.01)

CPC (source: EP)
C22C 38/02 (2013.01); **C22C 38/12** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0572246 A1 19931201; **EP 0572246 B1 19970115**; AT E147799 T1 19970215; DE 69307393 D1 19970227; DE 69307393 T2 19970515; FI 922461 A0 19920529; FI 922461 A 19931130; NO 931961 D0 19930528

DOCDB simple family (application)
EP 93304100 A 19930526; AT 93304100 T 19930526; DE 69307393 T 19930526; FI 922461 A 19920529; NO 931961 A 19930528