

Title (en)
METHOD FOR THE PRODUCTION OF FORGED STEEL FOR WEAPONS SUBJECT TO HEAVY STRESSES, BARREL BLANKS AND A THUS-EQUIPPED WEAPON

Title (de)
VERFAHREN ZUR HERSTELLUNG VON SCHMIEDESTAHL FÜR HOCH BEANSPRUCHTE WAFFEN, ROHR-ROHLINGE SOWIE EINE DAMIT AUSGERÜSTETE WAFFE

Title (fr)
PROCÉDÉ DE FABRICATION D'ACIER FORGÉ POUR ARMES HAUTEMENT SOLlicitÉES, ÉBAUCHE TUBULAIRE ET ARME ÉQUIPÉE DE CELLE-CI

Publication
EP 2027298 A1 20090225 (DE)

Application
EP 07725351 A 20070518

Priority
• EP 2007004443 W 20070518
• DE 102006025241 A 20060529

Abstract (en)
[origin: WO2007137714A1] It is proposed to make a change to the barrel material and also its constituent proportions and to undertake a production method which is already known from the large caliber barrel but which is specially adapted for medium caliber barrels. A barrel is created which is now made from a NiCrMoV steel blank which as an ingot was remelted in the ESR (electro-slag remelting) process before forging and the forged bars were quenched and tempered in a liquid quenching and tempering process. A barrel for a machine gun is thus disclosed which has the quality/characteristics of a large caliber barrel.

IPC 8 full level
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CPC (source: EP US)
C21D 9/12 (2013.01 - EP US); **C22C 38/02** (2013.01 - EP US); **C22C 38/04** (2013.01 - EP US); **C22C 38/06** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/46** (2013.01 - EP US); **F41A 21/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2007137714A1

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DOCDB simple family (application)
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