

Title (en)

METHOD OF MAKING PINIONS OF WHICH THE TOOTH-DRIVING SURFACES FORM A SHARP-EDGED ANGLE

Publication

**EP 0250312 B1 19920603 (FR)**

Application

**EP 87401345 A 19870612**

Priority

FR 8608788 A 19860618

Abstract (en)

[origin: EP0250312A1] Method of making a pinion blank in which the teeth of this blank are subjected to a first forging operation, the purpose of which is to form, on this driving surface (3), a first face inclined with respect to the axis X-X of the tooth, this first face intersecting the median plane of the tooth to be obtained, the teeth are subjected to a second forging operation, the purpose of which is to form, on this driving surface, a second face inclined with respect to the axis and opposite with respect to the first face, this second face intersecting the median plane of the tooth to be obtained and finally the teeth are subjected to a third forging operation acting simultaneously on the first and second faces thus formed. <IMAGE>

IPC 1-7

**B21K 1/30**

IPC 8 full level

**B23F 5/00** (2006.01); **B21K 1/30** (2006.01)

CPC (source: EP)

**B21K 1/30** (2013.01)

Cited by

EP0737540A1; US5722164A

Designated contracting state (EPC)

CH DE ES FR GB IT LI

DOCDB simple family (publication)

**EP 0250312 A1 19871223; EP 0250312 B1 19920603**; DE 3779495 D1 19920709; DE 3779495 T2 19930429; ES 2031917 T3 19930101; FR 2600274 A1 19871224; FR 2600274 B1 19900309; JP 2554334 B2 19961113; JP S6357117 A 19880311

DOCDB simple family (application)

**EP 87401345 A 19870612**; DE 3779495 T 19870612; ES 87401345 T 19870612; FR 8608788 A 19860618; JP 14930387 A 19870617