

Title (en)

Method of making pinions of which the tooth-driving surfaces form a sharp-edged angle.

Title (de)

Verfahren zur Herstellung von Zahnrädern, deren Zahneingriffsflächen einen scharfkantigen Winkel bilden.

Title (fr)

Procédé pour la réalisation de pignons dont le bord d'attaque des dents forme un angle à arête vive.

Publication

EP 0250312 A1 19871223 (FR)

Application

EP 87401345 A 19870612

Priority

FR 8608788 A 19860618

Abstract (en)

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)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN, vol. 7, no. 106 (M-213)[1251], 10 mai 1983; & JP-A-58 29 540 (TOYOTA JIDOSHA KOGYO K.K.) 21-02-1983

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