

Title (en)

METHOD AND APPARATUS FOR FORGING GEAR TEETH

Title (de)

VERFAHREN UND VORRICHTUNG ZUM SCHMIEDEN VON ZAHNRADZÄHNEN

Title (fr)

PROCEDE ET APPAREIL POUR FORGER DES DENTS D'ENGRENAGE

Publication

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Application

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Abstract (en)

[origin: WO2005044482A1] A forged gear and a method of manufacture thereof. The forged gear comprises a bevel gear with a plurality of teeth, each tooth having a tip disposed between two faces and two ends, the two faces extending in a substantially longitudinal direction of the tooth, wherein the tip of each tooth has at least one substantially crowned portion between the two ends along the longitudinal direction. The method of manufacture comprises forging the gear from a blank such that during the forging operation a substantial portion of the length of each forged tooth tip does not contact the die cavity.

IPC 8 full level

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