

Title (en)

Method for producing a pulley for motor vehicle applications and the like provided with a plurality of V-shaped peripheral races

Title (de)

Verfahren zur Herstellung einer Riemenscheibe für Kraftfahrzeugsanwendungen und dergleichen mit einer Mehrzahl von V-förmigen peripheren Nuten

Title (fr)

Procédé de production d'une poulie pour applications de véhicule à moteur et similaires équipée d'une pluralité de rainures périphériques en forme de V

Publication

EP 2407258 B1 20130703 (EN)

Application

EP 11173709 A 20110712

Priority

IT TO20100602 A 20100712

Abstract (en)

[origin: EP2407258A1] A method for producing a pulley (1) for motor vehicle applications and the like provided with a plurality of V-shaped peripheral races (7) is described; the method is carried out from a flat disc (11) and comprises the steps of: a) performing a drawing operation on the disc (11) to obtain a first cup-shaped semifinished product (12) having a flat base wall (13) and a side wall (14) joined to the base wall (13); b) obtaining a through-bore (16) through the base wall (13) of the first semifinished product (12); c) plastically deforming the first semifinished product (12) so as to fold an end portion, opposite to the bore (16), of the side wall (14) towards the axis (A) of the first semifinished product (12) obtaining a second semifinished product (17); d) plastically deforming the second semifinished product (17) radially compressing it so as to reduce the differences in diameter between the axial sections thereof; and e) roll forming the races (7) on the outer surface of the body obtained thereby.

IPC 8 full level

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CPC (source: EP)

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