

Title (en)

Method of producing a multi-belt pulley, form tool for carrying out the method and pulley thus obtained

Title (de)

Verfahren zur Herstellung einer Mehrfachriemenscheibe, Formwerkzeug zur Durchführung des Verfahrens und so hergestellte Riemenscheibe

Title (fr)

Procédé de fabrication d'une poulie à gorges multiples, outil de formage mis en oeuvre par ce procédé et poulie ainsi obtenue

Publication

EP 0678351 B1 20000216 (FR)

Application

EP 95400617 A 19950321

Priority

FR 9403336 A 19940322

Abstract (en)

[origin: EP0678351A1] A tool (1) is claimed for mounting on a press and designed for forming a pulley blank (P) made up of a rim (J) completely cylindrical around a symmetrical axis (X) and a wheel disc (F). The tool comprises a punch (10) and a die bottom (20) able to be applied on the two opposite respective faces of the wheel disc. The punch has an outer radial surface (11) that is completely cylindrical around the symmetrical axis (X) situated at the inner radial side of the rim (J). An extraction ring (30) is mounted to slide on the punch (10), being able to come into contact with the free edge of the rim (J). A die (40) is mounted to slide on the die bottom (20) and has an inner radial surface (41) that is completely cylindrical around the symmetrical axis (X), able to cover the rim (J) and forming thus with the punch (10) an annular space with a width greater than the initial thickness of the rim (J). The method of using this tool in the fabrication of a multiple grooved pulley and the pulleys thus produced are also claimed. <IMAGE>

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