

Title (en)

METHOD FOR THE PRODUCTION OF A ONE-PIECE METALLIC MULTIPLE WHEEL AND MULTIPLE WHEEL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES EINSTÜCKIGEN, METALLISCHEN MEHRFACHRADES UND MEHRFACHRAD

Title (fr)

PROCEDE DE FABRICATION D'UNE ROUE MULTIPLE METALLIQUE EN UNE SEULE PIECE ET ROUE MULTIPLE

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Application

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Abstract (en)

[origin: WO2008049145A1] The invention relates to a method for the production of a one-piece metallic multiple wheel (2) for a traction mechanism, having at least two single wheels (3, 4) disposed next to each other, each having a wheel body (5, 6) with an exterior circumference (7, 8), wherein teeth (9, 10) are distributed across the outer circumference (7, 8) for engaging the traction mechanism, and wherein at least one of the at least two single wheels (3, 4) is configured as a chain, gear, or toothed belt wheel. The chain, gear, or toothed belt wheel is produced having a rough contour, wherein the tooth thickness of the rough contour - in an axial view - is larger than the tooth thickness of the final contour of the finished chain, gear, or toothed belt wheel, and this rough contour is then reformed by means of non-machining reforming, particularly by means of rolling, into the finished tooth contour as a function of the traction mechanism used, wherein a toothed belt wheel contour is produced from a chain wheel, or gear wheel contour, or a chain wheel contour is produced from a gear wheel or toothed belt wheel contour, or a gear wheel contour is produced from a toothed belt wheel or a chain wheel. The invention further relates to a preform for the production of a multiple wheel, and to a multiple wheel.

IPC 8 full level

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