

Title (en)
BASIC MATERIAL COMPOSITION, METHOD FOR MANUFACTURING A TRANSVERSE MEMBER FOR A DRIVE BELT FROM SUCH BASIC MATERIAL AND A DRIVE BELT COMPRISING A THUS MANUFACTURED TRANSVERSE MEMBER

Title (de)
GRUNDMATERIALZUSAMMENSETZUNG, VERFAHREN ZUR HERSTELLUNG EINES QUERTRÄGERS FÜR EINEN TREIBRIEMEN AUS EINEM SOLCHEN GRUNDMATERIAL UND TREIBRIEMEN MIT EINEM SO HERGESTELLTEN QUERTRÄGER

Title (fr)
COMPOSITION DE MATÉRIAU DE BASE, PROCÉDÉ DE FABRICATION D'UN ÉLÉMENT TRANSVERSAL POUR UNE COURROIE DE TRANSMISSION À PARTIR D'UN TEL MATÉRIAU DE BASE ET COURROIE DE TRANSMISSION COMPRENANT UN ÉLÉMENT TRANSVERSAL AINSI FABRIQUÉ

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Abstract (en)
[origin: WO2020020491A1] The invention relates to a transverse element (32) component of a drive belt (3) for use in a continuously variable transmission, which drive belt (3) comprises a number of such transverse elements (32) that are slideably included therein relative to the circumference of an endless tensile element (31) thereof. The transverse element (32) is made from carbon steel including between 0.60 and 1.2% by weight carbon and between 0.30 and 0.60 % by weight chromium. According to the invention the carbon steel further includes a relatively small amount of between 0.05 and 0.15 % by weight vanadium for remarkably and favourably enhancing the fatigue strength of the transverse element (32).

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