

Title (en)

SEWING NEEDLE AND SEWING METHOD

Title (de)

NÄHMASCHINENNADEL UND NÄHVERFAHREN

Title (fr)

AIGUILLE À COUDRE ET PROCÉDÉ DE COUTURE

Publication

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Application

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Abstract (en)

[origin: WO2017060056A1] The invention relates to a sewing machine needle comprising a needle shaft which extends substantially in the longitudinal direction of the needle, an eye which passes substantially vertically through the needle, and a hollow groove which is arranged in front of the eye in the longitudinal direction of the needle. The contour of the hollow groove is set back in the vertical direction of the needle relative to the contour of the shaft. The contour of the hollow groove substantially has the shape of a circular arc at least in a sub-region of the extent of the hollow groove in the longitudinal direction of the needle on a sectional plane perpendicular to the longitudinal direction of the needle. The circular arc-shaped region extends over a first angular section of the needle circumference. The sewing machine needle according to the invention is characterized in that in the sub-region of the longitudinal extent of the hollow groove in the longitudinal direction of the needle, the radius of the substantially circular arc-shaped contour in the first angular section of the needle circumference is between 35% and 100% of the maximum extent of the needle in the width direction of the needle. The width direction is perpendicular to the longitudinal and vertical direction of the needle.

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