

Title (en)

A COMPONENT FOR USE AS ROTARY BODY

Title (de)

BAUTEIL ZUR VERWENDUNG ALS DREHKÖRPER

Title (fr)

COMPOSANT À UTILISER EN TANT QUE CORPS ROTATIF

Publication

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Application

EP 19193106 A 20190822

Priority

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Abstract (en)

The invention relates to a component having a base body (1) of a first material comprising a tubular inner shell (2) and a tubular outer shell (3) coaxially collocated around a common longitudinal axis (4) and forming an annular space (5) between the outer wall of the inner shell (2) and the inner wall of the outer shell (3), the annular space (5) having lattice structures (6) in it connecting the inner shell (2) and the outer shell (3) in radial direction, one end face (7) of the annular space being closed and the opposite end face (8) of the annular space being open, characterized in that the annular space (5) is filled with a second material which encloses the lattice structures (6). The invention further relates to a method for the manufacture of a component according to the invention by an additive manufacturing process.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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