

Title (en)

WORM-GEAR ELEMENT FOR WORM-GEAR MACHINES

Title (de)

SCHNECKENSATZELEMENT FÜR SCHNECKENMASCHINEN

Title (fr)

ELEMENT A VIS SANS FIN POUR MACHINE A VIS

Publication

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Application

EP 96927613 A 19960726

Priority

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Abstract (en)

[origin: DE19530026A1] The worm-gear element proposed is intended for use in worm-gear machines, in particular in twin-shaft worm-gear machines for use in the plastification of thermoplastics. The worm-gear element has a core (1) and e.g. helical lands (2). The core (1) consists at least in part of a material (3) which is softer than the surrounding material (4) of the lands (2). The worm-gear element is produced at least in part from a powder-form starting material by hot isostatic pressing. The core material (3) has an external diameter (7) which is at least as great as the internal diameter (6) of the lands.

IPC 1-7

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IPC 8 full level

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