

Title (en)

TOOL FOR ROLLER BURNISHING A TOROIDAL FILLET

Title (de)

WERKZEUG ZUM PRÄGEPOLIEREN EINER TOROIDALEN HOHLKEHLE

Title (fr)

OUTIL DE GALETAGE D'UN CONGE TORIQUE

Publication

**EP 2086722 B1 20110105 (FR)**

Application

**EP 07823820 A 20070912**

Priority

- FR 2007051924 W 20070912
- FR 0654474 A 20061024

Abstract (en)

[origin: FR2907359A1] The tool (18) has a wheel (52) in a parallelepiped shaped housing (30) and in support on a pulley (40) having a burnishing strength on a cylindrical shaped annular groove (14) presenting a radial component and a component along an axis (B-B) of the wheel. A truncated conical shaped roller (58) forms an abutment element and is supported on an annular radial lateral face (17b) of the groove to compensate the reaction force of the axial component of the burnishing force applied by the pulley on a toroidal fillet (16a).

IPC 8 full level

**B24B 39/04** (2006.01)

CPC (source: EP)

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