

Title (en)
Flexible Shims

Title (de)
Flexibles Distanzblech

Title (fr)
Cale d'épaisseur flexible

Publication
EP 2055897 A1 20090506 (EN)

Application
EP 08103676 A 20080423

Priority
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Abstract (en)
The invention is based on the general idea of providing projections on the shim that preferentially deform. Accordingly, an aspect of the invention provides a shim (30) for a turbine wherein the turbine comprises a turbine blade with a blade root (12) and a rotor having a groove in which blade roots (12) can be circumferentially fitted so as to form fitted blade roots (12). The groove of the rotor includes a notch portion so as to form a hook portion for providing radial support for fitted blade roots (12). The shim (30), radially interspersable between lateral faces of fitted blade roots (12), has first and second surfaces that when fitted at least partially contact the lateral faces of fitted blade roots (12). The shim is characterized by at least one of the surfaces comprising at least one projection (31) such that in use compressive stresses on the shim concentrate on and preferentially deform the at least one projection.

IPC 8 full level
F01D 5/22 (2006.01); **F01D 5/30** (2006.01)

CPC (source: EP)
F01D 5/3038 (2013.01)

Citation (search report)

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