

Title (en)
A mounting arrangement and method

Title (de)
Befestigungsvorrichtung und Verfahren

Title (fr)
Dispositif de fixation et méthode

Publication
EP 1466701 A9 20050302 (EN)

Application
EP 04251628 A 20040322

Priority
GB 0308170 A 20030409

Abstract (en)
[origin: EP1466701A2] A mounting arrangement 1 is provided in which clamping pairs comprising a clamping pad 2 and seating pads 3 are arranged about a mounting end of a component 4. Thus, the component 4 is appropriately presented to a machining device but the component 4 can slip relative to the pads 2, 3 in order to relieve residual stresses in the component due to initial forging processes. A damper 8 is provided in order to augment vibration control in association with the contact abutments between the pads 2, 3. In such circumstances accurate machining of a component 4 to a final profile 6 from an initial rough profile 5 can be achieved more efficiently without periodic release of the component 4 so that distortions are avoided in the final component as a result of retained residual stresses by previous clamping.

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