

Title (en)

ENGINE THRUST WITH A STRAIN GAUGE AT A TRUNNION

Title (de)

TRIEBWERKSSCHUB MIT EINEM DEHNUNGSMESSTREIFEN AN EINEM ZAPFEN

Title (fr)

POUSSEE REACTEUR AVEC JAUGE DE CONTRAINTE POSITIONNEE SUR LE CROISILLON

Publication

**EP 1007926 A1 20000614 (EN)**

Application

**EP 99926668 A 19990625**

Priority

- GB 9902004 W 19990625
- GB 9813744 A 19980625

Abstract (en)

[origin: GB2338793A] A system for determining the thrust of an engine such as a jet engine determines the location or locations on an engine trunnion (10) at which the most repeatable strain occurs during use and locates at a strain gauge at the or one or more of these locations. The determination of the location or locations of most repeatable strain can involve applying different strains or different types of strain on the trunnion (10), constraining movement of the trunnion (10) and determining thermal properties of the trunnion (10).

IPC 1-7

**G01L 5/13**; **F02C 9/42**

IPC 8 full level

**F01D 25/28** (2006.01); **F02C 7/20** (2006.01); **G01L 5/13** (2006.01)

CPC (source: EP)

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