

Title (en)

VARIABLE INLET GUIDE VANE WITH A BUILT-IN TURNTABLE

Publication

EP 0395498 B1 19920909 (FR)

Application

EP 90401108 A 19900425

Priority

FR 8905517 A 19890426

Abstract (en)

[origin: US5039277A] A variable vane assembly for a gas turbine engine is disclosed having a disk member bearing against a recess formed in the inner surface of the gas turbine engine casing is formed separately from the vane. The disk member has a diametrical notch that accommodates a strip member formed integrally with the vane and which extends generally parallel to the chord of the vane. The control rod, which is also formed integrally with the vane, passes through an opening defined by the disk member and is pivotally supported by the engine casing. A low friction sleeve may be interposed between the control rod and the opening defined by the engine casing to reduce the pivoting friction of the vane. This sleeve may be formed as a separate element, or may be formed integrally with the disk member, which may also be formed of low-friction material.

IPC 1-7

F01D 17/16

IPC 8 full level

F01D 17/16 (2006.01)

CPC (source: EP US)

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Cited by

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