

Title (en)
ADJUSTMENT LINKAGE

Title (de)
VERSTELLGESTÄNGE

Title (fr)
LIAISON DE RÉGLAGE

Publication
EP 3502485 A1 20190626 (EN)

Application
EP 17208563 A 20171219

Priority
EP 17208563 A 20171219

Abstract (en)
An adjustment linkage (200a) for a guide vane (8) of a compressor (14) for a gas turbine engine (10). The adjustment linkage (200a) comprises a push rod (150). A first end (206) of the push rod (150) is configured to be coupled to an adjustment ring (140) for actuation of a variable guide vane (8a). A second end (208) of the push rod (150) is configured to be coupled to an output (152) of an adjustment drive (154) via a cam mechanism (210) configured to modify the directional output (152) of the adjustment drive (154). The push rod has a longitudinal axis (212) which extends between its first end (206) and second end (208). The cam mechanism (210) configured to allow the push rod (150) to move in a direction along its longitudinal axis (212), and restrict the push rod (150) from moving in a direction at an angle to its longitudinal axis (212).

IPC 8 full level
F04D 29/56 (2006.01)

CPC (source: EP)
F04D 29/563 (2013.01); **F05D 2260/56** (2013.01); **F05D 2270/58** (2013.01)

Citation (search report)

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- [XA] US 2010158663 A1 20100624 - COLOTTE BAPTISTE BENOIT [FR], et al
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- [A] EP 1808579 A2 20070718 - GEN ELECTRIC [US]
- [A] WO 2010031768 A2 20100325 - SIEMENS AG [DE], et al

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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