

Title (en)  
Operating arrangements for stator vanes

Title (de)  
Betätigungsvorrichtungen für Leitschaufeln

Title (fr)  
Dispositifs de commande d'aubes directrices

Publication  
**EP 1031703 A3 20000913 (EN)**

Application  
**EP 00300999 A 20000209**

Priority  
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Abstract (en)  
[origin: EP1031703A2] An operating arrangement for adjustable stator vanes (14) in a gas turbine engine comprises a control member (30) defining a plurality of apertures (32, 132) and a plurality of operating levers (24). Each operating lever (24) has a first end region (28) to be secured to the stator vane (14) and a second end region (36). A pin (34, 134) extends from the second end region (36) to be received in an associated aperture (32, 132) in the control member. Each pin (34, 134) and the respective aperture (32, 132) are movable longitudinally relative to each other. A laterally extending projection (41, 141) is provided on the pin (34) or on the wall (50) of the aperture (32, 132). The arrangement is such that relative pivotal and longitudinal movement of the longitudinal axes of the pin (34) and of the aperture or recess (32, 132) is permitted on movement of the control member (30) to move the operating levers (24). In one embodiment, the projection (41) is provided on the pin (34) and, in another embodiment, the projection (141) is provided on the wall of the aperture (132). <IMAGE> <IMAGE> <IMAGE>

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CPC (source: EP)  
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• [A] GB 2254381 A 19921007 - MTU MUENCHEN GMBH [DE]  
• [A] EP 0127219 A1 19841205 - ESCHER WYSS AG [CH]  
• [A] US 5096374 A 19920317 - SAKAI HARUKI [JP], et al  
• [A] EP 0289697 A1 19881109 - GUTEHOFFNUNGSHUETTE MAN [DE]

Cited by  
EP3865675A1; US2011277587A1; US2015204418A1; EP1256698A3; EP1867877A1; CN114991881A; EP2031254A1; FR2920469A1; EP4177444A1; US8075253B2; WO2007144430A1; US6860717B2; US8206090B2; US11892012B2

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