Title (en)
VANE PUMP

Title (de)
FLÜGELZELLENPUMPE

Title (fr)
POMPE A PALETTES

Publication
EP 1320681 A2 20030625 (EN)

Application
EP 01975550 A 20010928

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Abstract (en)
[origin: WO0227187A2] A vane pump is disclosed for use with gas turbine engines adapted and configured to provide a predicted failure mode similar to that of a traditional fixed displacement pump. The vane pump includes a pump housing, a cam member, a cylindrical rotor member and a mechanism for communicating a high pressure fluid from the discharge arc region to the inlet arc region when the tip surface of each element has experienced a predetermined amounted of wear so as to prevent pump startup. The wearing of the tip surface of each vane element resulting from the slideable engagement with the circumferential surface of the pumping cavity.

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CPC (source: EP)
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DE FR GB

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