

Title (en)

Depressurization device for bearing lubrication chambers

Title (de)

Druckentlastungsvorrichtung für Lagerschmierräume

Title (fr)

Dispositif de dépressurisation des chambres de lubrification entourant les paliers

Publication

EP 0626503 B1 19960703 (FR)

Application

EP 94401145 A 19940525

Priority

FR 9306206 A 19930525

Abstract (en)

[origin: EP0626503A1] In order to avoid leaks of the fluid for lubricating the bearings (12a, 12b) of a turbomachine such as an aircraft turbojet engine, when the speed of this turbomachine drops below the idling speed, it is proposed to connect the chambers (20a, 20b) surrounding the bearings (12a, 12b) to free air via a pipe (48a, 48b) in which a jet pipe (49a, 49b) has been placed. The nozzle of this jet pipe is connected to a source of compressed air, such as the compressor (56b, 56a) of another turbomachine, via a valve (54a, 54b) which is made to open under the abovementioned conditions. <IMAGE>

IPC 1-7

F01D 25/20

IPC 8 full level

F01D 25/20 (2006.01)

CPC (source: EP US)

F01D 25/20 (2013.01 - EP US); **F05D 2260/601** (2013.01 - EP US)

Cited by

WO2020008153A1; FR3083570A1; EP1820944A3; FR3096402A1; CN109211581A; EP2781704A1; FR3034752A1; FR3071549A1; EP3951139A1; US9567987B2; US11965440B2; US11953056B2; WO2020008156A1; WO2014060656A1; WO2022028776A1; US11952925B2; US9644487B2; US9790856B2; EP3818257B1

Designated contracting state (EPC)

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EP 0626503 A1 19941130; EP 0626503 B1 19960703; DE 69400274 D1 19960808; DE 69400274 T2 19970130; FR 2705733 A1 19941202; FR 2705733 B1 19950630; US 5429208 A 19950704

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