

Title (en)
TURBOMACHINE LUBRICATION SYSTEM, COMPRISING A BYPASS FOR PREFERENTIALLY SUPPLYING LUBRICANT TO A LOW-SPEED REDUCTION GEAR

Title (de)
SCHMIERSYSTEM EINER TURBOMASCHINE MIT EINEM BYPASS ZUR VORZUGSWEISEN ZUFÜHRUNG VON SCHMIERMITTEL ZU EINEM UNTERSETZUNGSGETRIEBE MIT NIEDRIGER GESCHWINDIGKEIT

Title (fr)
SYSTÈME DE LUBRIFICATION DE TURBOMACHINE, COMPRENANT UNE DERIVATION POUR ALIMENTER PREFERENTIELLEMENT UN REDUCTEUR A BAS REGIME

Publication
EP 4229279 A1 20230823 (FR)

Application
EP 21807169 A 20211012

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• FR 2010565 A 20201015
• FR 2021051768 W 20211012

Abstract (en)
[origin: WO2022079382A1] The invention relates to a lubrication system (100) for a turbomachine which comprises a reduction gear (152). The lubrication system (100) comprises a main branch (120) and a bypass branch (140) which is arranged in parallel with the main branch (120). The main branch (120) comprises a heat exchanger (121, 122, 124). The bypass branch (140) comprises a hydraulic resistance that is lower than the hydraulic resistance of the main branch (120). The reduction gear (152) is located downstream of the main branch (120) and the bypass branch (140). The lubrication system (100) comprises at least one bypass device (200) that is configured to supply the bypass branch (140) with lubricant when a pressure value of the lubricant is below a threshold value.

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Citation (search report)
See references of WO 2022079382A1

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