

Title (en)

SYSTEM FOR DEOILING AN AIR-OIL MIXTURE FOR PRESSURISING SEALS OF A TURBINE ENGINE

Title (de)

SYSTEM ZUR ENTÖLUNG EINES ÖL-LUFT-GEMISCHES ZUR DRUCKBEAUFSCHLAGUNG VON DICHTUNGEN EINES TURBINENMOTORS

Title (fr)

SYSTÈME DE DÉSHUILAGE D'UN MÉLANGE AIR/HUILE DE PRESSURISATION D'ÉTANCHÉITÉS D'UNE TURBOMACHINE

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Application

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Abstract (en)

[origin: WO2018055299A1] The invention relates to a system for deoiling an air-oil pressurising mixture (11, 12) for pressurised enclosures (13) of a turbine engine, said system comprising: at least one centrifugal degasser (20); at least one mechanical casing (30) of the turbine engine comprising a plurality of mechanical parts (21, 22), at least one of which is mechanically connected to a drive shaft of said degasser (20) so as to be able to rotate same, said casing (30) being configured to be able to contain an oil mist (39) for lubricating said mechanical parts (21, 22), characterised in that said deoiling system also comprises means (40) for isolating said air-oil mixture (11, 12) from said oil mist (39) of said mechanical casing (30) so that said oil mist (39) of said mechanical casing (30) cannot enrich with oil said mixture to be separated by said degasser.

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Citation (search report)

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