

Title (en)
ROTARY ELECTRICAL MACHINE WITH OPTIMISED COOLING

Title (de)
ELEKTRISCHE DREHMASCHINE MIT OPTIMIERTER KÜHLUNG

Title (fr)
MACHINE ÉLECTRIQUE TOURNANTE A REFROIDISSEMENT OPTIMISÉ

Publication
EP 3455926 A1 20190320 (FR)

Application
EP 17727659 A 20170512

Priority

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Abstract (en)
[origin: WO2017194896A1] The invention relates mainly to a rotary electrical machine including: a bearing (12); a stator (11) including a stator body (13); and a tubular ring (27), said stator body (13) being mounted braced in the ring (27); a cooling chamber (28) for circulating coolant liquid defined by an outer periphery of said tubular ring (27) and an inner periphery of said bearing (12); said bearing (12) including an intake and an outlet of coolant liquid, said machine including a separating wall (42) for separating said cooling chamber (28) extending between said intake and said outlet of coolant liquid, said separating wall (42) being added relative to said tubular ring (27) and including at the ends thereof attachment members for holding said wall (42) on said tubular ring (27).

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