

Title (en)
ROTARY ELECTRIC MACHINE WITH AXIAL COOLING

Title (de)
ELEKTRISCHE DREHMASCHINE MIT AXIALKÜHLUNG

Title (fr)
GENERATEUR ELECTRIQUE ROTATIF AVEC REFROIDISSEMENT AXIAL

Publication
EP 0910885 A1 19990428 (EN)

Application
EP 97925369 A 19970527

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Abstract (en)
[origin: WO9745914A1] A rotating electric machine, comprising a stator (1) wound with high-voltage cable and provided with stator teeth (4) extending radially inwards in a tooth sector (18) from an outer yoke portion (22), wherein at least one stator tooth (4) is provided with an axially-running cooling duct connected to a cooling circuit (29) in which coolant (31) is arranged to circulate, and a method of cooling a rotating electric machine provided with high-voltage stator windings, where the stator winding is cooled by a coolant (31) being caused to circulate in a cooling circuit (29) through cooling tubes (25) running axially through the stator (1).

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IPC 8 full level
H02K 9/14 (2006.01); **H01F 27/28** (2006.01); **H02K 1/20** (2006.01); **H02K 3/28** (2006.01); **H02K 3/40** (2006.01); **H02K 3/48** (2006.01); **H02K 5/02** (2006.01); **H02K 9/08** (2006.01); **H02K 15/08** (2006.01)

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