

Title (en)
A STATOR AND A METHOD FOR MANUFACTURING THE SAME

Title (de)
STÄNDER UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)
STATOR ET PROCEDE DE FABRICATION

Publication
EP 0956637 A1 19991117 (EN)

Application
EP 98902365 A 19980202

Priority
• SE 9800168 W 19980202
• SE 9700358 A 19970203
• SE 9704428 A 19971128

Abstract (en)
[origin: WO9834329A1] The present invention relates to a stator (20) in a rotating electric machine, a method for manufacturing a stator (20) for a rotating electric machine, and a rotating electric machine incorporating a stator (20) of the type described. The rotating electric machine is provided with windings (30) drawn through slots in the stator (20). The stator (20) is composed of a stator body (22), a stator core (24) comprising stator teeth (26) extending radially inwards from an outer yoke portion (28). The stator core (24) consists of a number of pack (38), each of which includes a number of metal sheets, or of a number of metal sheets (38), each pack (38) or metal sheet (38) being stacked on top of and partially overlapping each other, said packs (38) or metal sheets (38) being secured radially by means of wedge members (110) arranged at the stator body (22). The packs (38) or metal sheets (38) are secured axially by means of hot-setting adhesive members (90; 96) arranged between them, and the windings (30) consist of high-voltage cable (10).

IPC 1-7
H02K 15/02; **H02K 1/12**

IPC 8 full level
H02K 1/16 (2006.01); **H02K 3/12** (2006.01); **H02K 3/34** (2006.01); **H02K 3/40** (2006.01); **H02K 15/02** (2006.01); **H02K 15/12** (2006.01)

CPC (source: EP KR)
H02K 1/16 (2013.01 - EP); **H02K 15/02** (2013.01 - KR); **H02K 15/024** (2013.01 - EP); **H02K 15/12** (2013.01 - EP); **H02K 2203/15** (2013.01 - EP)

Citation (search report)
See references of WO 9834329A1

Designated contracting state (EPC)
AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

DOCDB simple family (publication)
WO 9834329 A1 19980806; AU 5891998 A 19980825; AU 728487 B2 20010111; BR 9807650 A 20000208; CN 1246981 A 20000308; EP 0956637 A1 19991117; JP 2001510015 A 20010724; KR 20010049162 A 20010615; PL 334918 A1 20000327; SE 9704428 D0 19971128

DOCDB simple family (application)
SE 9800168 W 19980202; AU 5891998 A 19980202; BR 9807650 A 19980202; CN 98802264 A 19980202; EP 98902365 A 19980202; JP 53281098 A 19980202; KR 19997006996 A 19990803; PL 33491898 A 19980202; SE 9704428 A 19971128