

Title (en)  
STATOR ALTERNATOR FOR VEHICLES

Title (de)  
ALTERNATORSSTÄNDER FÜR FAHRZEUGE

Title (fr)  
STATOR D'UN ALTERNATEUR POUR DES VEHICULES

Publication  
**EP 1344297 A2 20030917 (FR)**

Application  
**EP 01989658 A 20011221**

Priority  

- FR 0104147 W 20011221
- FR 0016738 A 20001221
- FR 0104770 A 20010405
- FR 0113553 A 20011019

Abstract (en)  
[origin: WO0250977A2] The invention concerns an alternator for a motor vehicle comprising a stator (13) provided with a body (14) bearing several phases comprising each an input (E1 to E'3) and an output (S to S'3) implanted outside the body (14) of the stator (13) and electrically conductive elements, which are arranged in arrays on either side of the body (14) of the stator (13) to constitute a first (12) and a second (12') lead-out wires and which pass through said body, wherein the electrically conductive elements are interconnected forming said arrays and to connect the phase input to the phase output forming at least a winding. The invention is characterised in that one of the lead-out wires (12, 12') bears on the side of the body (14) of the stator (13) three inputs (E1 to E3 E'1 to E'3), part of the electrically conducting connection (50, 51) electrically connecting between them said inputs.

IPC 1-7  
**H02K 3/12**

IPC 8 full level  
**H02K 3/04** (2006.01); **H02K 3/12** (2006.01); **H02K 3/50** (2006.01); **H02K 9/06** (2006.01); **H02K 19/24** (2006.01); **H02K 21/14** (2006.01)

CPC (source: EP KR US)  
**H02K 3/12** (2013.01 - EP US); **H02K 3/505** (2013.01 - EP US); **H02K 9/06** (2013.01 - EP US); **H02K 15/08** (2013.01 - KR)

Citation (search report)  
See references of WO 0250976A2

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

DOCDB simple family (publication)  
**WO 0250977 A2 20020627**; **WO 0250977 A3 20020829**; EP 1264386 A2 20021211; EP 1344297 A2 20030917; FR 2818822 A1 20020628; FR 2818822 B1 20041022; FR 2819117 A1 20020705; FR 2819117 B1 20041029; JP 2004516784 A 20040603; JP 2004516785 A 20040603; JP 4173734 B2 20081029; KR 20020076318 A 20021009; KR 20020076319 A 20021009; MX PA02008076 A 20030227; MX PA02008077 A 20030227; US 2003011268 A1 20030116; US 2003117033 A1 20030626; US 6930424 B2 20050816; US 7145273 B2 20061205; WO 0250976 A2 20020627; WO 0250976 A3 20030213

DOCDB simple family (application)  
**FR 0104148 W 20011221**; EP 01989658 A 20011221; EP 01990612 A 20011221; FR 0104147 W 20011221; FR 0113553 A 20011019; FR 0116658 A 20011221; JP 2002551965 A 20011221; JP 2002551966 A 20011221; KR 20027010867 A 20020820; KR 20027010869 A 20020820; MX PA02008076 A 20011221; MX PA02008077 A 20011221; US 20456502 A 20020821; US 20456602 A 20020821