

Title (en)
ALTERNATOR

Title (de)
WECHSELSTROMMASCHINE

Title (fr)
ALTERNATEUR

Publication
EP 0783793 A1 19970716 (DE)

Application
EP 95931075 A 19950926

Priority
• AT 9500185 W 19950926
• AT 183294 A 19940926

Abstract (en)
[origin: WO9610289A1] The invention concerns an alternator comprising two stator windings (16, 20) and two rotor windings (18, 19) associated therewith. The two rotor windings (18, 19) are driven at the same speed and are electrically connected to one another. The one stator (16) is connected to the power system (17) and the other stator (20) is excited by a converter (23). Capacitors (21) are connected in parallel with the individual phases of the stator winding (16) connected to the power system (17). As a result, the magnetizing power no longer has to be supplied by the converter (23) which thus only has to supply the slip power.
[origin: WO9610289A1] The invention concerns an alternator comprising two stator windings (16, 20) and two rotor windings (18, 19) associated therewith. The two rotor windings (18, 19) are driven at the same speed and are electrically connected to one another. The one stator (16) is connected to the power system (17) and the other stator (20) is excited by a converter (23). Capacitors (21) are connected in parallel with the individual phases of the stator winding (16) connected to the power system (17). As a result, the magnetizing power no longer has to be supplied by the converter (23) which thus only has to supply the slip power.

IPC 1-7
H02P 9/42; **H02K 17/42**

IPC 8 full level
H02K 17/42 (2006.01); **H02P 9/00** (2006.01); **H02P 9/42** (2006.01)

CPC (source: EP)
H02K 17/42 (2013.01); **H02P 9/007** (2013.01); **H02P 9/42** (2013.01)

Citation (search report)
See references of WO 9610289A1

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

DOCDB simple family (publication)
WO 9610289 A1 19960404; AU 3464895 A 19960419; DE 19581090 D2 19990617; EP 0783793 A1 19970716

DOCDB simple family (application)
AT 9500185 W 19950926; AU 3464895 A 19950926; DE 19581090 T 19950926; EP 95931075 A 19950926