

Title (en)  
INVERTER CONTROLLER FOR ELEVATOR HOIST AND DOOR MOTORS

Title (de)  
WECHSELRICHTERSTEUERUNG FÜR AUFZUGSTÜRMOTOR UND AUFZUGSANTRIEBSMOTOR

Title (fr)  
LOGIQUE DE COMMANDE POUR ONDULEUR DESSERVANT LES MOTEURS DE LEVAGE ET DES PORTES D'ASCENSEUR

Publication  
**EP 1154948 B1 20040512 (EN)**

Application  
**EP 00919319 A 20000218**

Priority  
• JP 5100899 A 19990226  
• US 0004119 W 20000218

Abstract (en)  
[origin: WO0050329A1] A single inverter (8) provides variable frequency, variable voltage current output (11) to either a hoist motor (3) or a door motor (6), depending on the operating mode of the elevator car (1). A controller (9) provides an input signal (12) to an actuator (10) for switching the output current (11) between the motors (3, 6) by a relay switch (12). The controller (9) includes separate control profiles depending upon which motor (3, 6) is connected to the inverter (8).

IPC 1-7  
**B66B 1/00**; **B66B 1/30**

IPC 8 full level  
**B66B 1/30** (2006.01); **B66B 1/34** (2006.01); **B66B 13/14** (2006.01)

CPC (source: EP)  
**B66B 1/30** (2013.01); **B66B 13/143** (2013.01)

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 0050329 A1 20000831**; CN 1241812 C 20060215; CN 1341074 A 20020320; DE 60010668 D1 20040617; DE 60010668 T2 20041007; EP 1154948 A1 20011121; EP 1154948 A4 20021030; EP 1154948 B1 20040512; ES 2220453 T3 20041216; JP 2000247553 A 20000912

DOCDB simple family (application)  
**US 0004119 W 20000218**; CN 00804280 A 20000218; DE 60010668 T 20000218; EP 00919319 A 20000218; ES 00919319 T 20000218; JP 5100899 A 19990226