

Title (en)  
MOTOR AND SYSTEM CONTROLLER

Title (de)  
MOTOR UND SYSTEMSTEUERUNG DAFÜR

Title (fr)  
DISPOSITIF DE COMMANDE DE MOTEUR ET DE SYSTÈME

Publication  
**EP 2542842 A4 20180328 (EN)**

Application  
**EP 11750976 A 20110303**

Priority  
• NZ 58376210 A 20100305  
• NZ 2011000031 W 20110303

Abstract (en)  
[origin: WO2011108947A1] A beverage cooler has a low voltage DC supply (311) usable by the controller ancillaries, such as lighting (318), the DC supply also providing the supply voltage to a microprocessor (313) which electronically commutates at least one of the motors (305, 306, 307) associated with beverage cooling to provide a required speed or loading. The microprocessor also responds to and controls the cooler ancillaries, such as lighting, temperature and status reporting thereby allowing a reduced component count.

IPC 8 full level  
**F25B 49/00** (2006.01); **F25B 49/02** (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP US)  
**F25B 49/02** (2013.01 - EP US); **F25D 29/00** (2013.01 - US); **F25B 2600/02** (2013.01 - EP US); **F25B 2600/11** (2013.01 - EP US); **F25B 2700/171** (2013.01 - EP US); **F25B 2700/172** (2013.01 - EP US); **F25B 2700/173** (2013.01 - EP US)

Citation (search report)  
• [X] US 5711159 A 19980127 - WHIPPLE III WALTER [US]  
• [X] US 2008115512 A1 20080522 - RIZZO RICHARD [US]  
• [A] US 6271638 B1 20010807 - ERDMAN DAVID M [US], et al  
• See references of WO 2011108947A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011108947 A1 20110909**; BR 112012022453 A2 20200227; BR 112012022453 B1 20201215; CN 102869931 A 20130109; CN 102869931 B 20160127; EP 2542842 A1 20130109; EP 2542842 A4 20180328; EP 2542842 B1 20220216; MX 2012010282 A 20130118; MX 338483 B 20160419; US 2013205807 A1 20130815

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**NZ 2011000031 W 20110303**; BR 112012022453 A 20110303; CN 201180020643 A 20110303; EP 11750976 A 20110303; MX 2012010282 A 20110303; US 201113582664 A 20110303