

Title (en)
Motor starter

Title (de)
Motorstarter

Title (fr)
Démarrreur de moteur

Publication
EP 1901326 B1 20130102 (DE)

Application
EP 06019356 A 20060915

Priority
EP 06019356 A 20060915

Abstract (en)
[origin: EP1901326A1] The motor-starter has a power-semiconductor switch and an electromechanical by-pass-switch which is connected in parallel to the power-semiconductor switch. An electronic control circuit controls the bypass switch and is made in the shape of a flat assembly (4) that is fixed on the bypass switch in an assembled condition. The flat assembly and the bypass switch are formed such that the flat assembly is made to establish electrical contact with the bypass switch at the time of fixing.

IPC 8 full level
H01H 50/02 (2006.01); **H01H 9/54** (2006.01)

CPC (source: EP US)
H01H 9/542 (2013.01 - EP US); **H01H 50/021** (2013.01 - EP US); **H01H 50/443** (2013.01 - EP US)

Cited by
CN102611361A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1901326 A1 20080319; EP 1901326 B1 20130102; BR PI0703733 A2 20090428; BR PI0703733 B1 20230110; CA 2601621 A1 20080315; CA 2601621 C 20160726; CN 101145745 A 20080319; CN 101145745 B 20120704; DK 1901326 T3 20130408; ES 2398964 T3 20130322; US 2009015189 A1 20090115; US 7898373 B2 20110301

DOCDB simple family (application)
EP 06019356 A 20060915; BR PI0703733 A 20070911; CA 2601621 A 20070913; CN 200710152131 A 20070914; DK 06019356 T 20060915; ES 06019356 T 20060915; US 89870407 A 20070914