

Title (en)  
LITHIUM ELECTROCHEMICAL ACCUMULATOR HAVING A BIPOLAR ARCHITECTURE AND COMPRISING A SPECIFIC ELECTROLYTE ADDITIVE

Title (de)  
ELEKTROCHEMISCHER LITHIUMAKKUMULATOR MIT EINER BIPOLAREN ARCHITEKTUR UND MIT EINEM SPEZIFISCHEN ELEKTROLYTADDITIV

Title (fr)  
ACCUMULATEUR ELECTROCHIMIQUE AU LITHIUM A ARCHITECTURE BIPOLAIRE COMPRENANT UN ADDITIF D'ELECTROLYTE SPECIFIQUE

Publication  
**EP 2583345 A1 20130424 (FR)**

Application  
**EP 11725460 A 20110615**

Priority  
• FR 1054817 A 20100617  
• EP 2011059969 W 20110615

Abstract (en)  
[origin: WO2011157765A1] The invention relates to a lithium electrochemical accumulator comprising a stack of at least two electrochemical cells, each cell being separated from the adjacent cell by a current collecting substrate. A first face of the aforementioned substrate is occupied by an electrode of a cell, while a second face, opposite the first, is occupied by an electrode of the adjacent cell, each cell comprising a positive electrode and a negative electrode separated by an electrolyte. The invention is characterised in that the electrolyte comprises a lithium polysulphide additive.

IPC 8 full level  
**H01M 10/0567** (2010.01); **H01M 4/485** (2010.01); **H01M 4/505** (2010.01); **H01M 4/525** (2010.01); **H01M 4/58** (2010.01); **H01M 10/052** (2010.01); **H01M 10/0525** (2010.01)

CPC (source: EP US)  
**H01M 4/485** (2013.01 - EP US); **H01M 4/505** (2013.01 - EP US); **H01M 4/525** (2013.01 - EP US); **H01M 4/5825** (2013.01 - EP US); **H01M 10/052** (2013.01 - EP US); **H01M 10/0525** (2013.01 - EP US); **H01M 10/056** (2013.01 - US); **H01M 10/0567** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP US); **Y02T 10/70** (2013.01 - US)

Citation (search report)  
See references of WO 2011157765A1

Citation (examination)  
• US 2009017371 A1 20090115 - NAKAMURA YOSHIYUKI [JP]  
• US 2009246636 A1 20091001 - CHIANG YET-MING [US], et al  
• JP 2007287445 A 20071101 - NISSAN MOTOR

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DOCDB simple family (publication)  
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