

Title (en)  
STORAGE ELEMENT

Title (de)  
SPEICHERELEMENT

Title (fr)  
ÉLÉMENT ACCUMULATEUR

Publication  
**EP 2724400 A1 20140430 (DE)**

Application  
**EP 12753729 A 20120903**

Priority  
• DE 102011083541 A 20110927  
• EP 2012067130 W 20120903

Abstract (en)  
[origin: WO2013045217A1] The invention relates to a storage element for a solid-electrolyte battery, having a main body which is composed of a porous matrix of sintered ceramic particles, and also having a redox system which is composed of a first metal and/or at least one oxide of the first metal, wherein a basic composition of the storage element comprises at least one further oxide from the group comprising Y<sub>2</sub>O<sub>3</sub>, MgO, Gd<sub>2</sub>O<sub>3</sub>, WO<sub>3</sub>, ZnO, MnO which is suitable for forming an oxidic mixed phase with the first metal and/or the at least one oxide of the first metal.

IPC 8 full level  
**H01M 4/38** (2006.01); **H01M 4/52** (2010.01); **H01M 4/80** (2006.01); **H01M 10/39** (2006.01)

CPC (source: CN EP US)  
**H01M 4/131** (2013.01 - EP US); **H01M 4/38** (2013.01 - CN EP US); **H01M 4/523** (2013.01 - CN EP US); **H01M 4/801** (2013.01 - CN EP US); **H01M 4/803** (2013.01 - CN EP US); **H01M 10/0562** (2013.01 - US); **H01M 10/39** (2013.01 - CN EP US); **H01M 12/08** (2013.01 - US); **H01M 2004/021** (2013.01 - CN EP US); **H01M 2300/0077** (2013.01 - US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)  
See references of WO 2013045217A1

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)  
**DE 102011083541 A1 20130328**; CN 103843176 A 20140604; CN 103843176 B 20161116; EP 2724400 A1 20140430; JP 2014534555 A 20141218; JP 5872050 B2 20160301; KR 20140069312 A 20140609; US 2014342217 A1 20141120; US 9660257 B2 20170523; WO 2013045217 A1 20130404

DOCDB simple family (application)  
**DE 102011083541 A 20110927**; CN 201280047154 A 20120903; EP 12753729 A 20120903; EP 2012067130 W 20120903; JP 2014532302 A 20120903; KR 20147011489 A 20120903; US 201214345236 A 20120903