

Title (en)

SPECIFIC SULFONATE COMPOUNDS THAT CAN BE USED AS ELECTROLYTE SOLVENT FOR LITHIUM BATTERIES

Title (de)

ALS ELEKTROLYTLÖSUNGSMITTEL FÜR LITHIUMBATTERIEN VERWENDBARE SPEZIFISCHE SULFONATVERBINDUNGEN

Title (fr)

COMPOSES SULFONATES SPECIFIQUES UTILISABLES COMME SOLVANT D'ELECTROLYTE POUR BATTERIES AU LITHIUM

Publication

**EP 2877450 A1 20150603 (FR)**

Application

**EP 13756603 A 20130726**

Priority

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- FR 2013051806 W 20130726

Abstract (en)

[origin: WO2014016530A1] The invention relates to a sulfonate compound with the following formula (I): in which R1 is an acyclic branched hydrocarbon group comprising at least four carbon atoms. Use of said compounds as an electrolyte solvent for lithium batteries.

IPC 8 full level

**C07C 303/28** (2006.01); **C07C 309/65** (2006.01); **H01M 10/0567** (2010.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2014016530A1

Citation (examination)

YOFFI SEGALL ET AL: "Oxide Intermediates with Alcohols", PHOSPHORUS AND SULFUR AND THE RELATED ELEMENTS., vol. 18, no. 1-3, 1 January 1983 (1983-01-01), CH, pages 209 - 212, XP055403892, ISSN: 0308-664X, DOI: 10.1080/03086648308076003

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