

Title (en)
NOVEL SALTS OF FULLERENES.

Title (de)
NEUE FULLERENSALZE.

Title (fr)
NOUVEAUX SELS DE FULLERENES.

Publication
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Application
EP 93900639 A 19921123

Priority
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• US 79839091 A 19911126

Abstract (en)
[origin: WO9311067A1] The present invention relates to new compositions of matter having the formula AnC_x , wherein A is a monovalent cation and C_x is a fullerene anion, preferably wherein x is equal to 60 and 70. The present invention also relates to a process for preparing the composition by applying an electrical potential to a non-aqueous solution of a fullerene and a salt containing a monovalent cation. The present invention also relates to a method for electrochemically generating fulleride salts as a solution in other hydrocarbons. The present invention also relates to a method for electrochemically preparing solid fulleride salts. The compositions may be used as electrode material in reversible electrochemical cells, superconductors, spin labels, magnetic thermometers, organic, and polymer precursors.

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Citation (search report)
• [DA] P.-M. ALLEMAND ET AL., JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 113, no. 7, 27 March 1991 (1991-03-27), WASHINGTON, DC US, pages 2780 - 2781
• See references of WO 9311067A1

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