

Title (en)
FLUORINATED PHOSPHONIC SULFONIC ACIDS AND DERIVATIVES THEREOF

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Application
EP 90902058 A 19900103

Priority
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Abstract (en)
[origin: WO9007513A1] The present invention provides compounds comprising one or more fluorine atoms, sulfo radicals and phosphono radicals, each such radical being bonded to the same or different carbon atom, with the proviso that at least one sulfo radical and at least one phosphono radical are bonded to such carbon atoms through the sulfur atom and the phosphorus atom, respectively. These compounds are preferably non-polymeric, i.e. they have a molecular weight of about 5000 or less. Such compounds are useful as electrolytes, e.g. in fuel cells.

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Citation (search report)

- [A] INORGANIC CHEMISTRY, vol. 25, no. 18, 27th August 1986, pages 3128-3131, American Chemical Society; T. MAHMOOD et al.: "New perfluoroalkylphosphonic and bis(perfluoroalkyl)phosphinic acids and their precursors"
- See references of WO 9007513A1

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