

Title (en)

1-HYDROXY-3-SULFONOALKANE-1,1-DIPHOSPHONOUS ACIDS

Title (de)

1-HYDROXY-3-SULFONOALKAN-1,1-DIPHOSPHONSÄUREN

Title (fr)

ACIDES 1-HYDROXY-3-SULFONOALCANE-1,1-DIPHOSPHONIQUES

Publication

**EP 1137651 A1 20011004 (DE)**

Application

**EP 99958148 A 19991201**

Priority

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Abstract (en)

[origin: DE19857251A1] The present invention relates to 1-hydroxy-3-sulfonopropane-1,1-diphosphonous acids, to phosphonate-containing mixtures which contain said acids, to a method for producing the same and to the application thereof as water treatment chemicals and sequestering agents.

IPC 1-7

**C07F 9/38**; **C02F 5/14**; **C23F 11/167**

IPC 8 full level

**C02F 5/14** (2006.01); **C07F 9/38** (2006.01); **C09K 3/00** (2006.01); **C09K 8/528** (2006.01); **C09K 8/54** (2006.01); **C11D 7/36** (2006.01); **C23F 11/08** (2006.01); **C23F 11/10** (2006.01); **C23F 11/167** (2006.01)

CPC (source: EP KR)

**C02F 5/14** (2013.01 - EP); **C07F 9/38** (2013.01 - KR); **C07F 9/3865** (2013.01 - EP); **C09K 8/528** (2013.01 - EP); **C09K 8/54** (2013.01 - EP); **C11D 7/36** (2013.01 - EP); **C23F 11/08** (2013.01 - EP); **C23F 11/10** (2013.01 - EP); **C23F 11/1676** (2013.01 - EP)

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