

Title (en)

METHOD FOR REMOVING PHOSPHATE FROM WATER

Title (de)

VERFAHREN ZUM ENTFERNUNG VON PHOSPHAT AUS WÄSSERN

Title (fr)

PROCEDE POUR EXTRAIRE LE PHOSPHATE DE L'EAU

Publication

**EP 1597203 A1 20051123 (DE)**

Application

**EP 04710777 A 20040213**

Priority

- DE 2004000260 W 20040213
- DE 10306125 A 20030214

Abstract (en)

[origin: WO2004071969A1] The invention relates to a method for removing phosphorus compounds from water. Said method is characterised in that the water is brought into contact with an anionic polymer, which contains a cation or cations selected from the earth alkaline metal ions Fe <2+>, Fe <3+>, Al<3+>, V<5+>, NH4<+>, C<r3+>, Co<2+>, Cd <2+>, Cu<2+>, Pb<2+>, Mn<2+>, Ag<+>, Sn<2+>, Zn<2+>.

IPC 1-7

**C02F 1/56**; **C02F 3/34**

IPC 8 full level

**C02F 1/56** (2006.01); **C02F 3/34** (2006.01)

CPC (source: EP)

**C02F 1/56** (2013.01); **C02F 3/34** (2013.01); **C02F 2101/105** (2013.01)

Citation (search report)

See references of WO 2004071969A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**WO 2004071969 A1 20040826**; DE 10327199 A1 20040826; EP 1597203 A1 20051123

DOCDB simple family (application)

**DE 2004000260 W 20040213**; DE 10327199 A 20030617; EP 04710777 A 20040213