

Title (en)

CATIONIC POLYMERS FOR SLUDGE DEWATERING

Title (de)

KATIONISCHE POLYMERE ZUR SCHLAMMENTWÄSSERUNG

Title (fr)

POLYMERES CATIONIQUES POUR LA DESHYDRATATION DES BOUES

Publication

EP 1242316 A1 20020925 (EN)

Application

EP 00970398 A 20001005

Priority

- SE 0001922 W 20001005
- SE 9903594 A 19991006

Abstract (en)

[origin: WO0125156A1] A method and a composition for dewatering sludges are described. The method for dewatering sludges includes treating the sludge with a flocculant aid and with a flocculant, whereafter the sludge is dewatered. The method is characterised in that the flocculant aid is an inorganic compound; the flocculant aid and the flocculant are provided as a solid composition comprising 0.1-10 parts by weight of flocculant aid per part by weight of flocculant; water is added to the composition to provide an aqueous solution or dispersion of the composition; said aqueous composition is added to the sludge; and that the sludge is dewatered. The composition for dewatering sludges is characterised in that it comprises a mixture of a solid inorganic flocculant aid with a solid flocculant at a ratio of 0.1-10 parts by weight of flocculant aid per part by weight of flocculant.

IPC 1-7

C02F 1/56; **C02F 11/14**

IPC 8 full level

C02F 1/52 (2006.01); **C02F 11/148** (2019.01); **C02F 1/56** (2006.01)

CPC (source: EP KR US)

C02F 1/5236 (2013.01 - EP KR US); **C02F 1/56** (2013.01 - KR); **C02F 11/148** (2018.12 - EP KR US); **C02F 1/56** (2013.01 - EP)

Citation (search report)

See references of WO 0125156A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0125156 A1 20010412; **WO 0125156 A8 20020110**; AU 7978700 A 20010510; CN 1384806 A 20021211; EP 1242316 A1 20020925; KR 20020080327 A 20021023; SE 9903594 D0 19991006; SE 9903594 L 20010407

DOCDB simple family (application)

SE 0001922 W 20001005; AU 7978700 A 20001005; CN 00814895 A 20001005; EP 00970398 A 20001005; KR 20027004390 A 20020404; SE 9903594 A 19991006