

Title (en)

COMPOSITION AND THE USE THEREOF AS A COAGULATING AND FLOCCULATING AGENT

Title (de)

ZUSAMMENSETZUNG UND DEREN VERWENDUNG ALS KOAGULATIONS- UND FLOCKUNGSMITTEL

Title (fr)

COMPOSITION ET SON UTILISATION EN TANT QU'AGENT COAGULANT ET FLOCULANT

Publication

**EP 1429999 A1 20040623 (DE)**

Application

**EP 02785132 A 20020924**

Priority

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- EP 0210697 W 20020924

Abstract (en)

[origin: WO03029151A1] A composition; preferably used as a coagulating and flocculating agent in the purification of waste water, consisting of an aqueous solution of polyaluminium chloride as the main constituent, also containing magnesium chloride and one or several organic, water-soluble polymer flocculating agents as additional constituents. The organic flocculating agent (s) can be chosen from the group of polyamines, polydadmac, polyethyleniminacetates and polyethylenimines. The inventive composition has outstanding purifying qualities in stable operating conditions in a waste water purifying system and can be used in concentrations of 5 - 30 ml pro m<3> waste water, i.e. significantly lower than the required amounts of previously required precipitating agents based on iron compounds or aluminium sulfate.

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**C02F 1/52**; **C02F 1/56**

IPC 8 full level

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