

Title (en)

FE- AND AL-CONTAINING SYNTHETIC POLYSILICIC ACID (SILICA) FOR REFINING OILS

Title (de)

FE- UND AL-HALTIGE SYNTHETISCHE POLYKIESELSÄURE (SILICA) ZUR BEHANDLUNG VON ÖLEN

Title (fr)

ACIDE POLYSILICIQUE (SILICE) SYNTHETIQUE CONTENANT DU FER ET DE L'ALUMINIUM POUR LE TRAITEMENT DES HUILES

Publication

EP 0938375 B1 20000607 (DE)

Application

EP 97943828 A 19970902

Priority

- DE 19635730 A 19960903
- EP 9704782 W 19970902

Abstract (en)

[origin: DE19635730A1] A synthetic polysilicic acid (silica) which contains the oxides of at least two metals with a valency of at least 2, of which one is iron and the other aluminium, and which is used to refine oils, is characterised in that the proportion of iron and aluminium is less than 15 % by moles (relative to the sum of said metals and silicium), in that its specific surface is higher than 100 m²/g and in that its water content (determined after drying at 105 DEG C as loss on ignition at 1000 DEG C) is lower than about 5 wt %.

IPC 1-7

B01J 20/10

IPC 8 full level

B01J 20/10 (2006.01); **C01B 33/12** (2006.01); **C11B 3/10** (2006.01)

CPC (source: EP)

C11B 3/10 (2013.01)

Cited by

CN109321356A; WO2004105936A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

DE 19635730 A1 19980305; DE 59701863 D1 20000713; EP 0938375 A1 19990901; EP 0938375 B1 20000607; JP 2000517241 A 20001226; JP 3996199 B2 20071024; WO 9809723 A1 19980312

DOCDB simple family (application)

DE 19635730 A 19960903; DE 59701863 T 19970902; EP 9704782 W 19970902; EP 97943828 A 19970902; JP 51223398 A 19970902