

Title (en)

Carbonaceous materials in water slurries.

Title (de)

Wässrige Schlämme von Kohlenstoffhaltenden Materialien.

Title (fr)

Boues aqueuses de matériaux carbonés.

Publication

EP 0093883 A2 19831116 (EN)

Application

EP 83103530 A 19830412

Priority

US 37741282 A 19820512

Abstract (en)

Aq. slurries of coal (or other carbonaceous material) contain an ammonium salt (I) of a naphthalenesulphonic acid/formaldehyde condensate in an amt. sufficient to reduce viscosity and improve pumpability. The coal content may be 50-80%. The amt. of (I) added may be up to 10 (pref. 0.01-5) wt.%. In contrast to Na or other metal salts, (I) is ashless, has improved performance as a slurry stabiliser and gives aq. solns. with better cold storage stability and lower cost.

IPC 1-7

C10L 1/32

IPC 8 full level

C09K 23/52 (2022.01); **C10L 1/32** (2006.01)

CPC (source: EP)

C10L 1/326 (2013.01)

Cited by

US5445179A; WO9401684A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0093883 A2 19831116; **EP 0093883 A3 19850403**; AU 1356183 A 19831117; AU 554665 B2 19860828; CA 1179132 A 19841211; JP S58199032 A 19831119

DOCDB simple family (application)

EP 83103530 A 19830412; AU 1356183 A 19830415; CA 406586 A 19820705; JP 6825883 A 19830418