

Title (en)

Fluid combustible mixture based on coal and process for its preparation.

Title (de)

Flüssiges brennbares Gemisch und Verfahren zu dessen Herstellung.

Title (fr)

Mélange combustible fluide à base de charbon et procédé pour le préparer.

Publication

EP 0290699 A1 19881117 (FR)

Application

EP 87401066 A 19870512

Priority

EP 87401066 A 19870512

Abstract (en)

Preground coal is mixed with water in a tank (1) and is then reduced in a mill (6) to particles of less than 200 microns, preferably 15 microns, then a slurry containing 15% of coal and 85% of water, prepared in a vessel (8) is mixed in a metering pump (12) with a liquid fuel which agglomerates the coal like domestic fuel oil, after which the water which entrains the sterile matter in the coal is removed through a screen (15) and domestic fuel oil is again added with a surface-active agent to obtain a liquid fuel composition with four main components: 40 to 60% coal, 16 to 35% water, 16 to 35% domestic fuel oil, 0.5 to 3% surface-active agent, by weight. <IMAGE>

IPC 1-7

C10L 1/32

IPC 8 full level

C10L 1/32 (2006.01)

CPC (source: EP)

C10L 1/324 (2013.01)

Citation (search report)

- [X] US 3210168 A 19651005 - MORWAY ARNOLD J
- [A] AU 533728 B2 19831208 - COTTELL E C
- [A] CA 1169651 A 19840626 - SCOTIA RECOVERY SYST

Cited by

EP3237586A4

Designated contracting state (EPC)

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DOCDB simple family (publication)

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