

Title (en)

PROCESS FOR MANUFACTURING COAL OR COKE BRIQUETS

Publication

**EP 0252332 A3 19880323 (DE)**

Application

**EP 87108523 A 19870612**

Priority

DE 3623325 A 19860711

Abstract (en)

[origin: EP0252332A2] Briquettes of good loading strength, weathering resistance and fire resistance are produced from non-caking fine-grained fuels such as anthracite or lean coal, fine coke, hard lignite or charcoal, by spraying the fine-grained fuel, heated to more than 70 DEG C, with a hot aqueous solution of a fully saponified polyvinyl alcohol, homogenising the mixture of fuel and binder solution and briquetting it with efficient fume removal. According to the invention, 0.3 to 4% of starch is here added to the mixture before the homogenisation. The briquettes produced according to the invention burn without evolving smoke and soot, and their combustion off-gases are free of pollutants, so that the briquettes meet the demands of protecting the environment.

IPC 1-7

**C10L 5/14**; **C10L 5/04**

IPC 8 full level

**C10L 5/04** (2006.01); **C10L 5/14** (2006.01)

CPC (source: EP)

**C10L 5/04** (2013.01); **C10L 5/14** (2013.01)

Citation (search report)

- [YD] DE 3335240 A1 19850418 - RUHRKOHLE AG [DE]
- [YD] DE 3321960 A1 19841220 - MAIZENA GMBH [DE]
- [A] DE 3136163 A1 19830331 - GEWERK SOPHIA JAKOBA [DE]
- [A] DE 1045977 B 19581211 - BRIKO NV

Cited by

WO2018033712A1; EP0566034A1; EP0385665A3; EP0503833A1; CN113416589A; EP3095814A1; GB2227024A; GB2227024B; WO2021094786A1; WO2016184949A1; EP4230711A2

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**EP 0252332 A2 19880113**; **EP 0252332 A3 19880323**; **EP 0252332 B1 19920408**; DE 3623325 A1 19880121; DE 3623325 C2 19960725; DE 3778073 D1 19920514

DOCDB simple family (application)

**EP 87108523 A 19870612**; DE 3623325 A 19860711; DE 3778073 T 19870612