

Title (en)
PROCESS FOR MANUFACTURING COAL OR COKE BRIQUETS

Publication
EP 0135785 A3 19870114 (DE)

Application
EP 84109823 A 19840817

Priority
DE 3335240 A 19830929

Abstract (en)
[origin: EP0135785A2] 1. A process for the manufacture of coal or coke briquettes, characterized in that the fine-grained fuel, heated to a temperature of 100 +/- 20 degrees C, is sprinkled with an aqueous solution, at 70 to 100 degrees C, especially 80 to 95 degrees C, of a fully saponified polyvinyl alcohol having a viscosity of 40 to 100 mPas in aqueous solution, the mixture of fuel and binding agent solution, optionally with further addition of heat, is homogenized and is pressed into briquettes with removal of vapours, wherein fully saponified polyvinyl alcohols are those having a degree of saponification or hydrolysis of the underlying solvolysed polyvinyl acetate exceeding 97 mol %, especially of 98 - 100 mol %, and the polyvinyl alcohol is used in the form of an aqueous solution comprising 10 to 15% dry substance.

IPC 1-7
C10L 5/14

IPC 8 full level
C10L 5/14 (2006.01)

CPC (source: EP)
C10L 5/14 (2013.01)

Citation (search report)
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• [A] DE 1268103 B 19680516 - BAYER AG
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• [E] DE 3335241 A1 19850418 - RUHRKOHLE AG [DE]
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Cited by
EP0135784A3; GB2181449A; GB2181449B; US6964691B1; US6641624B1; WO2021094786A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0135785 A2 19850403; EP 0135785 A3 19870114; EP 0135785 B1 19891025; AT E47602 T1 19891115; DE 3335240 A1 19850418; DE 3480289 D1 19891130

DOCDB simple family (application)
EP 84109823 A 19840817; AT 84109823 T 19840817; DE 3335240 A 19830929; DE 3480289 T 19840817