

Title (en)
BINDER SYSTEMS AND PROCESSES USING THESE FOR DECARBURISATION FREE FROM COAL DUST FOR THE PRODUCTION OF BENTONITE BONDS AND GLASS CORES

Publication
EP 0363568 A3 19910327 (DE)

Application
EP 89111374 A 19890622

Priority
HU 509388 A 19880930

Abstract (en)
[origin: EP0363568A2] The application relates to a binder system for decarburisation free from coal dust, for the production of bentonite bonds and cast cores, characterised in that it contains 0.5-20 % by mass of vegetable lecithin or vegetable oil or a mixture thereof in any desired ratio, 0.1-5.5 % by mass of hardening agent, hardening-agent derivative or carboxymethylcellulose sodium or a mixture thereof in any desired ratio, 0.3-4.5 % by mass of sodium carbonate, 0.05-1.25 % by mass of boron compounds and the remainder to 100 % by mass of bentonite.

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B22C 1/16

IPC 8 full level
B22C 1/16 (2006.01); **B22C 1/18** (2006.01); **B22C 1/20** (2006.01); **B22C 1/24** (2006.01); **B22C 1/26** (2006.01)

CPC (source: EP US)
B22C 1/24 (2013.01 - EP US); **Y10S 106/04** (2013.01 - EP US)

Citation (search report)
• [A] GB 120706 A 19181121 - HAMELIUS EDOUARD [FR]
• [A] LU 58976 A1 19691112
• [A] GB 653530 A 19510516 - OEL UND CHEMIE WERK A G
• [A] WORLD PATENT INDEX, FILE SUPPLIER, Zusammenfassung AN=80-08250C, Derwent Publications Ltd, London, GB; & JP-A-54 159 331 (JIDOSHA IMONO K.K.) 17-12-1979

Designated contracting state (EPC)
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EP 0363568 A2 19900418; EP 0363568 A3 19910327; BG 88908 A 19931224; ES 2020812 A6 19911001; GR 890100397 A 19901031; HU 201485 B 19901128; JP H02117738 A 19900502; US 5106418 A 19920421

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EP 89111374 A 19890622; BG 8890889 A 19890620; ES 8902168 A 19890621; GR 890100397 A 19890614; HU 509388 A 19880930; JP 15248389 A 19890616; US 36420689 A 19890609