

Title (en)  
METHOD FOR THE BENEFICIATION, LIQUEFACTION AND RECOVERY OF COAL AND OTHER SOLID CARBONACEOUS MATERIALS AND BENEFICIATED COAL PRODUCTS

Publication  
**EP 0057577 B1 19860507 (EN)**

Application  
**EP 82300449 A 19820128**

Priority  
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Abstract (en)  
[origin: EP0057577A2] An integrated, continuous (or batch) process for the beneficiation and/or liquefaction of coal, especially low rank coals, is provided, the process generally involving admixing coal with an organic liquid medium under high shear agitation, further beneficiating the coal by admixing the same in an aqueous medium optionally containing a monomer and a polymerization catalyst therefor and subjecting the resultant coal product to further high shear agitation in the presence of certain organic liquid media to provide a liquefield coal extract product and a further solid coal product. Beneficiated solid and liquefield coal products are also provided.

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**C10L 9/00**

IPC 8 full level  
**C10L 1/32** (2006.01); **B03B 9/00** (2006.01); **B03D 1/02** (2006.01); **C10G 1/00** (2006.01); **C10G 1/04** (2006.01); **C10L 5/00** (2006.01); **C10L 9/00** (2006.01); **C10L 9/02** (2006.01)

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**B03B 9/005** (2013.01); **B03D 1/02** (2013.01); **C10G 1/00** (2013.01); **C10G 1/04** (2013.01); **C10L 9/00** (2013.01); **B03D 1/1456** (2013.01)

Citation (examination)  
• EP 0032811 A2 19810729 - GULF & WESTERN INDUSTRIES [US]  
• EP 0017491 A1 19801015 - MOBIL OIL CORP [US]

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CN112916195A; AU2007264411B2; EP0166897A3; EP0175051A3; EP0174434A3; EP0219569A1; EP0197164A1; EP0066066A3; US2023203393A1; EP0105237A3; CN112058500A; US11591534B2; WO2014015861A1; WO2008025088A1; WO2020117810A1; WO2008000037A1

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