

Title (en)
Briquetting method

Title (de)
Verfahren zur Brikettierung

Title (fr)
Procédé de briquetage

Publication
EP 3031886 A1 20160615 (EN)

Application
EP 14460130 A 20141219

Priority
PL 41047914 A 20141210

Abstract (en)
Briquetting process using crushing process, characteristic in that, it is used preferably brown coal, which is crushed in the first step preferably to a fraction of less than 6 mm, in a second stage calcium compounds are added to 10% of weight of the total mixture, and the mixture preferably is mixed in a container and then it is evenly transmitted to the press, where it is the compressed under high pressing pressure to 200 MPa, preferably 150 MPa, and the briquettes are subjected to seasoning, preferably a few days of and / or briquettes are dried on a moving belt classifier and / or briquettes are heated to a temperature of 200 ° C and / or briquettes are warmed by infrared lamps preferably during 5 minutes.

IPC 8 full level
C10L 5/36 (2006.01); **C10L 5/12** (2006.01)

CPC (source: EP)
C10L 5/12 (2013.01); **C10L 5/361** (2013.01)

Citation (applicant)
• PL 340129 A1 20011119 - MEZYK CZESLAW [PL], et al
• PL 336186 A1 20010423 - INST CHEM PRZEROBKI WEGLA [PL]
• PL 402055 A1 20140623 - WILIŃSKI WALDEMAR [PL]
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• PL 400956 A1 20140331 - SPOŁKA W ORGANIZACJI LTECO [PL]
• WO 2008100147 A1 20080821 - BIOENERGI NORD AS [NO], et al
• WO 9311339 A1 19930610 - VATTENFALL AB [SE]
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• [X] WO 2009147360 A1 20091210 - SOLSYS LTD [GB], et al
• [X] AU 2008203855 A1 20100304 - MECRUS PTY LTD
• [X] CN 103468341 A 20131225 - ZHU QUBO
• [XI] HU 210244 B 19950728 - FOERHECZ [HU], et al
• [I] WO 2005071119 A1 20050804 - POSCO [KR], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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