

Title (en)

METHOD FOR PRODUCING AN ODOR-FREE HTC COAL AND ODOR-FREE HTC COAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER GERUCHSFREIEN HTC-KOHLE UND GERUCHSFREIE HTC-KOHLE

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN CHARBON HTC SANS ODEUR ET CHARBON HTC SANS ODEUR

Publication

EP 3692119 A1 20200812 (DE)

Application

EP 18782950 A 20181002

Priority

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- EP 2018076803 W 20181002

Abstract (en)

[origin: WO2019068717A1] The invention relates to a method for producing an odor-free HTC coal (1), at least comprising the following steps: a) providing a biomass (2); b) performing a hydrothermal carbonization (3) in order to produce a carbon sludge (4), the carbon sludge (4) comprising HTC coal (1) and HTC process water (5); c) separating HTC coal (1) and HTC process water (5) by a mechanical dewatering process; d) heating the HTC coal (1) to a temperature of at least 150 degrees Celsius in order to remove highly volatile carbon compounds (6).

IPC 8 full level

C10L 5/44 (2006.01); **C05F 7/00** (2006.01); **C09K 17/52** (2006.01); **C10L 9/08** (2006.01)

CPC (source: EP US)

C05F 7/00 (2013.01 - EP US); **C10L 5/447** (2013.01 - EP); **C10L 5/46** (2013.01 - US); **C10L 9/086** (2013.01 - EP US); **C10L 9/08** (2013.01 - EP); **C10L 2200/0295** (2013.01 - US); **C10L 2200/0469** (2013.01 - US); **C10L 2230/088** (2013.01 - EP); **C10L 2230/18** (2013.01 - US); **C10L 2290/02** (2013.01 - EP US); **C10L 2290/06** (2013.01 - EP); **C10L 2290/08** (2013.01 - EP US); **C10L 2290/547** (2013.01 - EP); **Y02A 40/20** (2017.12 - EP); **Y02E 50/10** (2013.01 - EP); **Y02E 50/30** (2013.01 - EP)

Citation (search report)

See references of WO 2019068717A1

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Designated extension state (EPC)

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