

Title (en)

METHOD FOR RECOVERING AT LEAST ONE RECYCLABLE MATERIAL CONTAINED IN A BIOMASS

Title (de)

VERFAHREN ZUR RÜCKGEWINNUNG ZUMINDEST EINES IN EINER BIOMASSE ENTHALTENEN WERTSTOFFES

Title (fr)

PROCÉDÉ POUR LE RECYCLAGE D'AU MOINS UNE MATIÈRE DE VALEUR CONTENUE DANS UNE BIOMASSE

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Application

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Abstract (en)

[origin: WO2020176917A1] The invention relates to a method for thermochemically treating biomass (5) and recovering a recyclable material contained therein. The biomass (5) is supplied to a pyrolysis reactor (2) and broken down therein to give pyrolytic coke and pyrolysis gas, wherein the pyrolytic coke is further conveyed to a coke gasifier (3) and broken down therein to give a solid residue product and a gasifier gas. The pyrolysis gas and the gasifier gas are supplied to a combustion apparatus (4) and burned therein to give flue gas. At least a part of the flue gas is supplied to the coke gasifier (3) from the combustion apparatus (4).

IPC 8 full level

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CPC (source: EP)

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