

Title (en)

DEVICE AND METHOD FOR SEPARATING CARBON DIOXIDE FROM A GAS FLOW

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ABSCHIEDUNG VON KOHLENDIOXID AUS EINEM GASSTROM

Title (fr)

DISPOSITIF ET PROCÉDÉ DE SÉPARATION DE DIOXYDE DE CARBONE D'UN FLUX GAZEUX

Publication

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Application

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Abstract (en)

[origin: WO2016155929A1] The invention relates to a device (1) for separating carbon dioxide from a gas flow, in particular from a flue gas flow, comprising an absorption unit (3) for separating carbon dioxide from the gas flow using a scrubbing medium (9), a desorption unit (5) which is fluidically connected to the absorption unit (3) for releasing the absorbed carbon dioxide from the scrubbing medium (9), and a compressor unit (39) which is connected fluidically downstream of the desorption unit (5) for compressing the released carbon dioxide, said compressor unit (39) being connected fluidically upstream of a cleaning device (35) for the carbon dioxide. The invention further relates to a method for separating carbon dioxide from a gas flow, in particular from a flue gas flow.

IPC 8 full level

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