

Title (en)

PROCESS FOR THE SEPARATION OF PRESSURISED CARBON DIOXIDE FROM STEAM

Title (de)

VERFAHREN ZUR TRENNUNG VON UNTER DRUCK STEHENDEM KOHLENDIOXID VON WASSERDAMPF

Title (fr)

PROCEDE DE SEPARATION DE DIOXYDE DE CARBONE PRESSURISE A PARTIR DE VAPEUR D'EAU

Publication

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Application

EP 08762496 A 20080626

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- GB 0800641 A 20080115

Abstract (en)

[origin: WO2009004307A1] This invention relates to the separation of carbon dioxide gas from a substantially particulate free pressurised gaseous stream of steam and carbon dioxide, such as that generated by the oxidation of a fossil feedstock used in the generation of electric power. Here the stream is cooled by direct water cooling at a pressure of at least 1 bar absolute to condense out essentially all of the steam therein and leave a carbon dioxide stream at pressure for capture or other use.

IPC 8 full level

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Citation (search report)

See references of WO 2009004307A1

Citation (examination)

- US 2003140786 A1 20030731 - IJIMA MASAKI [JP]
- EP 0502596 A1 19920909 - MITSUBISHI HEAVY IND LTD [JP], et al

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