

Title (en)

METHOD AND FOSSIL-FUEL-FIRED POWER PLANT FOR RECOVERING A CONDENSATE

Title (de)

VERFAHREN UND FOSSILBEFEUERTE KRAFTWERKSANLAGE ZUR RÜCKGEWINNUNG EINES KONDENSATS

Title (fr)

PROCÉDÉ ET CENTRALE THERMIQUE À COMBUSTIBLE FOSSILE POUR LA RÉCUPÉRATION D'UN CONDENSAT

Publication

**EP 2737182 A1 20140604 (DE)**

Application

**EP 12742852 A 20120724**

Priority

- EP 11175948 A 20110729
- EP 2012064522 W 20120724
- EP 12742852 A 20120724

Abstract (en)

[origin: EP2551477A1] The power station (10) has plant unit (1) having combustion device (11) which provides flue gas (13) to downstream carbondioxide separator (16) that captures carbondioxide from flue gas. The separator has desorber (31) that is connected to absorber circuit (33), for discharging separated carbondioxide to a compressor (17) having compressor stages (50). The coolers (51) are connected to compressor stages, for intermediate cooling of compressed carbondioxide. The cooler is connected to plant unit and separator through corresponding condensate lines (52,53,60,61). An independent claim is included for method for recovery of condensate of fossil-fuel.

IPC 8 full level

**B01D 53/00** (2006.01); **B01D 53/14** (2006.01); **F01K 23/10** (2006.01); **F23J 15/02** (2006.01)

CPC (source: EP US)

**B01D 53/002** (2013.01 - US); **B01D 53/1475** (2013.01 - US); **F01K 23/10** (2013.01 - EP US); **F23J 15/02** (2013.01 - US); **Y02C 20/40** (2020.08 - EP US); **Y02E 20/32** (2013.01 - EP US)

Citation (search report)

See references of WO 2013017483A1

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

DOCDB simple family (publication)

**EP 2551477 A1 20130130**; CN 103717847 A 20140409; EP 2737182 A1 20140604; US 2014150699 A1 20140605; WO 2013017483 A1 20130207

DOCDB simple family (application)

**EP 11175948 A 20110729**; CN 201280037740 A 20120724; EP 12742852 A 20120724; EP 2012064522 W 20120724; US 201214234898 A 20120724