

Title (en)
SYSTEM AND METHOD FOR THE CONDITIONING OF RECIRCULATED EXHAUST GAS

Title (de)
SYSTEM UND VERFAHREN ZUR KONDITIONIERUNG VON RÜCKGEFÜHRTEM ABGAS

Title (fr)
SYSTÈME ET PROCÉDÉ POUR LE CONDITIONNEMENT DE GAZ D'ÉCHAPPEMENT RECYCLÉS

Publication
EP 3123011 A1 20170201 (EN)

Application
EP 15706077 A 20150121

Priority
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• US 2015012263 W 20150121

Abstract (en)
[origin: US2015275702A1] A system, including: a recirculated exhaust gas conditioning loop that routes exhaust gas from a heat recovery steam generator to a turbine compressor inlet, wherein the recirculated exhaust gas conditioning loop includes an exhaust gas conditioning device that cools the exhaust gas and removes particulate matter from the exhaust gas, and a dehumidifier that dehumidifies the exhaust gas.

IPC 8 full level
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CPC (source: EP US)
F01D 25/305 (2013.01 - EP US); **F01D 25/32** (2013.01 - EP US); **F01K 5/02** (2013.01 - EP US); **F02C 3/34** (2013.01 - EP US); **F02C 7/141** (2013.01 - EP US); **F05D 2260/605** (2013.01 - EP US); **F05D 2260/608** (2013.01 - EP US); **F05D 2260/61** (2013.01 - EP US); **F05D 2270/082** (2013.01 - EP US); **F05D 2270/0831** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)
See references of WO 2015147974A1

Citation (examination)
WO 2013163045 A1 20131031 - GEN ELECTRIC [US], et al

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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 2015275702 A1 20151001; CN 106164443 A 20161123; EP 3123011 A1 20170201; JP 2017519929 A 20170720;
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US 201514601992 A 20150121; CN 201580008155 A 20150121; EP 15706077 A 20150121; JP 2016558750 A 20150121;
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