

Title (en)
DRYING AND GASIFICATION PROCESS

Title (de)
TROCKNUNGS- UND VERGASUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE SÉCHAGE ET DE GAZÉIFICATION

Publication
EP 2121874 A4 20120801 (EN)

Application
EP 08706089 A 20080215

Priority
• AU 2008000206 W 20080215
• AU 2007900841 A 20070216
• AU 2007907085 A 20071224

Abstract (en)
[origin: WO2008098311A1] A process for producing syngas from a carbonaceous substance and/or treating a carbonaceous substance, the process including the following steps: a) reducing the surface moisture of the carbonaceous substance; b) reducing the inherent moisture of the carbonaceous substance; and, c) gasifying the carbonaceous substance to produce syngas, wherein at step a) the carbonaceous substance is directly contacted with a hot gas at a temperature of between 50°C to 250°C, and/or the carbonaceous substance is indirectly contacted with saturated steam at a temperature of between 105°C and 250°C.

IPC 8 full level
C10J 3/00 (2006.01); **C10B 53/02** (2006.01); **C10B 57/10** (2006.01); **C10J 3/48** (2006.01); **C10J 3/62** (2006.01); **C10J 3/66** (2006.01); **C10K 1/00** (2006.01); **C10L 9/08** (2006.01)

CPC (source: EP US)
C10B 53/02 (2013.01 - EP US); **C10B 57/10** (2013.01 - EP US); **C10J 3/00** (2013.01 - EP US); **C10J 3/482** (2013.01 - EP US); **C10J 3/62** (2013.01 - EP US); **C10J 3/66** (2013.01 - EP US); **C10K 1/004** (2013.01 - EP US); **C10L 9/08** (2013.01 - EP US); **F26B 3/084** (2013.01 - EP US); **F26B 23/001** (2013.01 - EP US); **F26B 25/005** (2013.01 - EP US); **C10J 2300/0903** (2013.01 - EP US); **C10J 2300/0909** (2013.01 - EP US); **C10J 2300/0916** (2013.01 - EP US); **C10J 2300/093** (2013.01 - EP US); **C10J 2300/0946** (2013.01 - EP US); **C10J 2300/0956** (2013.01 - EP US); **C10J 2300/0973** (2013.01 - EP US); **C10J 2300/1606** (2013.01 - EP US); **C10J 2300/165** (2013.01 - EP US); **C10J 2300/1659** (2013.01 - EP US); **C10J 2300/1665** (2013.01 - EP US); **C10J 2300/1807** (2013.01 - EP US); **Y02E 20/16** (2013.01 - EP US); **Y02E 20/18** (2013.01 - EP US); **Y02E 50/10** (2013.01 - EP US); **Y02E 50/30** (2013.01 - EP US); **Y02P 20/129** (2015.11 - EP US); **Y02P 20/145** (2015.11 - EP US); **Y02P 70/10** (2015.11 - EP US)

Citation (search report)
• [X1] WO 2005033250 A2 20050414 - EBARA CORP [JP], et al
• [A] EP 1477461 A1 20041117 - MUEGGE ELECTRONIC GMBH [DE], et al
• [A] WO 9323500 A1 19931125 - VICTORIA ELECT COMMISSION [AU], et al
• [A] WO 9913025 A1 19990318 - GENERATION TECHNOLOGY RESEARCH [AU], et al
• [A] EP 0030841 A2 19810624 - EXXON RESEARCH ENGINEERING CO [US]
• See references of WO 2008098311A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008098311 A1 20080821; AU 2008215182 A1 20080821; AU 2008215182 B2 20110922; CA 2678400 A1 20080821; EP 2121874 A1 20091125; EP 2121874 A4 20120801; NZ 579390 A 20120330; US 2010115841 A1 20100513

DOCDB simple family (application)
AU 2008000206 W 20080215; AU 2008215182 A 20080215; CA 2678400 A 20080215; EP 08706089 A 20080215; NZ 57939008 A 20080215; US 52715608 A 20080215