

Title (en)
PROCESS FOR PRESSURIZED GASIFICATION IN A FIXED BED

Title (de)
VERFAHREN ZUR FESTBETTD RUCKVERGASUNG

Title (fr)
PROCÉDÉ DE LA GAZÉIFICATION EN LIT FIXE SOUS PRESSION

Publication
EP 3290493 B1 20211110 (DE)

Application
EP 16400040 A 20160902

Priority
EP 16400040 A 20160902

Abstract (en)
[origin: WO2018041411A1] Process and plant for converting a solid, carbon-containing fuel such as coal or coke into a crude synthesis gas comprising mainly hydrogen and carbon monoxide and into ash using a shaft reactor, wherein the discharged ash is at least partly recirculated to the reactor and together with the fuel passes through the fixed bed.

IPC 8 full level
C10J 3/30 (2006.01); **C10J 3/42** (2006.01)

CPC (source: CN EP)
C10J 3/04 (2013.01 - CN); **C10J 3/20** (2013.01 - CN); **C10J 3/30** (2013.01 - EP); **C10J 3/42** (2013.01 - EP); **C10J 2200/156** (2013.01 - EP); **C10J 2300/093** (2013.01 - CN); **C10J 2300/0956** (2013.01 - EP); **C10J 2300/0959** (2013.01 - CN); **C10J 2300/0976** (2013.01 - CN EP); **C10J 2300/0993** (2013.01 - EP); **C10J 2300/1628** (2013.01 - CN); **C10J 2300/1631** (2013.01 - EP); **C10J 2300/1807** (2013.01 - CN EP)

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 3290493 A1 20180307; **EP 3290493 B1 20211110**; CN 107794090 A 20180313; CN 207567181 U 20180703; WO 2018041411 A1 20180308

DOCDB simple family (application)
EP 16400040 A 20160902; CN 201710779718 A 20170901; CN 201721120405 U 20170901; EP 2017025235 W 20170821