

Title (en)
INSTALLATION FOR GASIFYING FINELY DIVIDED, PARTICULARLY SOLID FUELS UNDER HIGH PRESSURE

Publication
EP 0254830 B1 19900418 (DE)

Application
EP 87107177 A 19870518

Priority
DE 3623604 A 19860712

Abstract (en)
[origin: US4818253A] The gasification device includes a pipe wall structure assembled of a plurality of pipe circuits enclosing in a gas tight manner a reactor space. A pressure jacket surrounds at a distance the pipe wall structure and delimits therewith a water filled interspace. All inlet conduits for supplying cooling water to individual pipe circuits pass through the jacket whereas the outlets of the pipe circuits open into the interspace. A common discharge conduit for cooling water is provided in the pressure jacket and communicates with the interspace. The pressure jacket is assembled of two parts interconnected by a releasable flange connection. All inlet conduits and common outlet conduits are attached to the upper part so as to enable the lifting of the entire pipe wall structure upon the lower part together with the upper part.

IPC 1-7
C10J 3/48

IPC 8 full level
C10J 3/48 (2006.01); **C10J 3/86** (2006.01)

CPC (source: EP US)
C10J 3/485 (2013.01 - EP US); **C10J 3/86** (2013.01 - EP US); **C10J 2300/1223** (2013.01 - EP US)

Cited by
US8475548B2; CN105985807A; EP0435424A1; AU2008206967B2; KR101434247B1; GB2344350A; GB2344350B; US8083817B2; DE202015106166U1; US8475547B2; US7037473B1; WO2009040323A3; WO2009053204A3; WO0001787A1; WO2009040324A1; US8628595B2; US7547423B2; WO2006101642A1; WO2008087133A1

Designated contracting state (EPC)
DE ES GR

DOCDB simple family (publication)
EP 0254830 A2 19880203; EP 0254830 A3 19880817; EP 0254830 B1 19900418; DE 3623604 A1 19880114; DE 3762352 D1 19900523; ES 2014450 B3 19900716; GR 3000470 T3 19910628; TR 22998 A 19890109; US 4818253 A 19890404; ZA 873584 B 19871111

DOCDB simple family (application)
EP 87107177 A 19870518; DE 3623604 A 19860712; DE 3762352 T 19870518; ES 87107177 T 19870518; GR 900400267 T 19900503; TR 22887 A 19870401; US 6035787 A 19870609; ZA 873584 A 19870519