

Title (en)

Device for pressure gasification of fine particulate fuels to obtain a gaseous product

Title (de)

Anlage für die Druckvergasung von feinteiligen Brennstoffen im Zuge der Erzeugung eines Produktgases

Title (fr)

Installation pour la gazéification sous pression de combustibles finement divisés afin de produire un gaz

Publication

**EP 0716138 B1 19980923 (DE)**

Application

**EP 94117069 A 19941028**

Priority

EP 94117069 A 19941028

Abstract (en)

[origin: EP0716138A1] The assembly for pressure gasification of fine-particle fuel, for the prodn. of a product gas, has a mixing tube (4) at the quench appts. (2) which is surrounded by a gas cooling heat exchanger (5), and a propellant gas feed (6). A partial flow of quench gas mixed with raw gas from the gas feed (6) is fed into the gas cooling heat exchanger (5) for cooling, to be passed into the mixing tube (4) as a quench gas.

IPC 1-7

**C10J 3/86**; **C10K 1/04**

IPC 8 full level

**C10J 3/16** (2006.01); **C10J 3/86** (2006.01); **C10K 1/04** (2006.01)

CPC (source: EP US)

**C10J 3/86** (2013.01 - EP US); **C10K 1/04** (2013.01 - EP US); **C10J 2300/1884** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE ES FR IT NL

DOCDB simple family (publication)

**EP 0716138 A1 19960612**; **EP 0716138 B1 19980923**; DE 59406983 D1 19981029; ES 2121132 T3 19981116; JP 2779339 B2 19980723; JP H08302363 A 19961119; US 5824121 A 19981020

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