

Title (en)

REFRACTIVE WAVEFRONT CORRECTION DEVICE

Title (de)

REFRAKTIVE WELLENFRONTKORREKTURVORRICHTUNG

Title (fr)

DISPOSITIF DE CORRECTION DE FRONT D'ONDE DE RÉFRACTION

Publication

**EP 4048454 A1 20220831 (EN)**

Application

**EP 20812399 A 20201021**

Priority

- GB 201915286 A 20191022
- GB 2020052640 W 20201021

Abstract (en)

[origin: GB2588414A] A system for the processing of polymeric waste, the system comprising a combustor arranged to burn polymeric waste and a processing plant operatively connected to the combustor to receive heat energy therefrom. The processing plant is arranged thereby to heat additional polymeric waste, without combustion, to produce a synthesis gas, or synthetic fuel, or fuel oil. The system optionally further comprises a boiler, having an inlet for the introduction of water and an outlet for the release of steam, the boiler being operatively connected to the combustor to receive heat energy therefrom and to heat the water to produce steam and being operatively connected to the processing plant to transfer steam thereto.

IPC 8 full level

**B09B 3/00** (2022.01); **B09B 5/00** (2006.01); **F23G 5/46** (2006.01); **F23G 7/12** (2006.01)

CPC (source: EP GB)

**B09B 3/40** (2022.01 - EP); **B09B 3/45** (2022.01 - EP); **B09B 5/00** (2013.01 - EP); **C08J 11/12** (2013.01 - GB); **C08J 11/14** (2013.01 - GB); **C10B 53/07** (2013.01 - GB); **F23G 5/46** (2013.01 - EP); **F23G 7/12** (2013.01 - EP); **F23G 2204/10** (2013.01 - EP); **F23G 2206/203** (2013.01 - EP); **F23G 2209/28** (2013.01 - EP); **Y02E 20/12** (2013.01 - EP)

Citation (search report)

See references of WO 2021079105A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**GB 201915286 D0 20191204**; **GB 2588414 A 20210428**; **GB 2588414 B 20240403**; EP 4048454 A1 20220831; WO 2021079105 A1 20210429

DOCDB simple family (application)

**GB 201915286 A 20191022**; EP 20812399 A 20201021; GB 2020052640 W 20201021