

Title (en)

PROCESS AND UNIT FOR RECOVERING ENERGY FROM WASTE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR RÜCKGEWINNUNG VON ENERGIE AUS ABFALL

Title (fr)

PROCÉDÉ ET UNITÉ DE VALORISATION ÉNERGETIQUE DE DÉCHETS

Publication

EP 3058278 A1 20160824 (FR)

Application

EP 14799004 A 20141016

Priority

- FR 1360108 A 20131017
- IB 2014065371 W 20141016

Abstract (en)

[origin: WO2015056214A1] A process for recovering energy from waste, comprising a step of incinerating the waste in a furnace (H) for the production of thermal energy; gasification of high NCV waste is carried out so as to produce a syngas, and this syngas is injected into the combustion chamber (6) of the furnace, such that, for the same flow by mass of waste introduced into the furnace, the injection of syngas makes it possible to achieve a higher power of the furnace without increasing the flow by mass of waste introduced.

IPC 8 full level

F23N 1/00 (2006.01); **B09B 3/00** (2006.01); **F23G 5/00** (2006.01); **F23G 5/027** (2006.01); **F23G 5/16** (2006.01); **F23G 5/50** (2006.01); **F23G 7/05** (2006.01); **F23G 7/10** (2006.01); **F23G 7/12** (2006.01)

CPC (source: EP)

F23G 5/008 (2013.01); **F23G 5/027** (2013.01); **F23G 5/16** (2013.01); **F23G 5/50** (2013.01); **F23G 7/05** (2013.01); **F23G 7/105** (2013.01); **F23G 7/12** (2013.01); **F23G 2207/40** (2013.01); **F23N 2241/18** (2020.01)

Citation (search report)

See references of WO 2015056214A1

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)

WO 2015056214 A1 20150423; EP 3058278 A1 20160824; EP 3058278 B1 20240103; FR 3012053 A1 20150424; FR 3012053 B1 20170721

DOCDB simple family (application)

IB 2014065371 W 20141016; EP 14799004 A 20141016; FR 1360108 A 20131017