

Title (en)
SYSTEM FOR THE THERMAL TREATMENT OF MUNICIPAL SOLID WASTE

Title (de)
SYSTEM ZUR BEHANDLUNG VON STÄDTISCHEM MÜLL

Title (fr)
SYSTÈME POUR LE TRAITEMENT DE DÉCHETS MUNICIPAUX

Publication
EP 4283193 A1 20231129 (EN)

Application
EP 22174936 A 20220523

Priority
EP 22174936 A 20220523

Abstract (en)
Plant for the heat treatment of municipal solid waste comprising a reactor (1) having a treatment chamber (10), an internal stirrer (2) included in said chamber (10), and heating means (5) of said chamber (10), which chamber (10) is provided with at least one inlet opening (11) for said waste and at least one outlet opening (12) for the treated material, in which said chamber (10) is delimited by one or more metal walls and said heating means (5) are of the magnetic induction type, steam suction means from the treatment chamber (10) being included, which suction means are configured to create a negative pressure inside said chamber (10).

IPC 8 full level
F23G 5/10 (2006.01)

CPC (source: EP)
F23G 5/10 (2013.01); **F23G 2203/80** (2013.01); **F23G 2204/20** (2013.01); **F23G 2204/204** (2013.01)

Citation (search report)

- [XAI] JP 2005127680 A 20050519 - ISHIKAKE HIDEAKI, et al
- [IA] US 2022154074 A1 20220519 - GUSLISTY ALEXANDER [GB]
- [IA] JP 2004209339 A 20040729 - HITACHI SHIPBUILDING ENG CO
- [A] WO 2019226135 A2 20191128 - M D2 MUHENDISLIK DANISMANLIK INSAAT TAAHHUT IC VE DIS TICARET LTD SIRKETI [TR]
- [A] WO 0233320 A1 20020425 - CHEON JI DEAK [KR]
- [A] US 2012263538 A1 20121018 - HANASAKA FUMIHIRO [JP]

Designated contracting state (EPC)
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BA ME

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