

Title (en)

Method and device for operating a conveyor for combustion ashes

Title (de)

Verfahren und Vorrichtung zum Betreiben einer Fördereinrichtung für ein Abbrandprodukt

Title (fr)

Procédé et dispositif d'actionnement d'un dispositif de convoyage pour des cendres

Publication

EP 2522905 A3 20141119 (DE)

Application

EP 12164339 A 20120416

Priority

DE 102011101390 A 20110513

Abstract (en)

[origin: EP2522905A2] The method involves transporting a burn-off product (2) e.g. ash, and allowing falling of the burn-off product. A set of properties e.g. moisture, of the burn-off product is detected by utilizing microwaves (3) during falling of the burn-off product. The detected properties of the burn-off product are transmitted to a control unit (4) and evaluated. A set of transportation parameters e.g. burn-off product refrigeration parameters, is controlled based on the evaluation of the detected properties of the burn-off product. Independent claims are also included for the following: (1) a method for operating an incinerator (2) a conveying device (3) an incinerator.

IPC 8 full level

F23J 1/06 (2006.01); **F23N 5/00** (2006.01)

CPC (source: EP US)

F23J 1/06 (2013.01 - EP US); **F23N 5/00** (2013.01 - EP US); **F23J 2900/01002** (2013.01 - EP US); **F23J 2900/01009** (2013.01 - EP US); **F23N 2221/10** (2020.01 - EP US)

Citation (search report)

- [X] DE 102008044709 A1 20100304 - CLYDE BERGEMANN DRYCON GMBH [DE]
- [Y] EP 0171256 A2 19860212 - GAMMA METRICS [US]
- [Y] DE 102008054098 A1 20100506 - CLYDE BERGEMANN DRYCON GMBH [DE]
- [Y] US 6137294 A 20001024 - BEST MICHAEL HOWARD [US], et al
- [Y] US 2010330517 A1 20101230 - OSUCHA PETER M [US], et al
- [A] EP 0718555 A1 19960626 - ABB PATENT GMBH [DE]

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)

EP 2522905 A2 20121114; **EP 2522905 A3 20141119**; CN 102777918 A 20121114; DE 102011101390 A1 20121115; US 2012288804 A1 20121115

DOCDB simple family (application)

EP 12164339 A 20120416; CN 201210144905 A 20120510; DE 102011101390 A 20110513; US 201213462428 A 20120502