

Title (en)  
INCINERATION PLANT

Title (de)  
VERBRENNUNGSANLAGE

Title (fr)  
INSTALLATION D'INCINÉRATION

Publication  
**EP 4047271 A1 20220824 (EN)**

Application  
**EP 21158466 A 20210222**

Priority  
EP 21158466 A 20210222

Abstract (en)  
The present invention relates to an incineration plant for solid material having- a combustion chamber (1) in which the solid material is combusted and which is partly delimited by a front ceiling (7),- a combustion grate (2) with which the solid material and combusted solid material can be conveyed through the combustion chamber (1),- a primary air supply (3) below the top of the combustion grate (2),- a first pass (4) arranged above the combustion chamber (1), the combustion chamber (1) and the first pass (4) forming a transition region (5) between the combustion chamber (1) and the first pass (4) such that a center flow arrangement is embodied.

IPC 8 full level  
**F23G 5/44** (2006.01)

CPC (source: EP)  
**F23G 5/44** (2013.01); **F23G 2203/101** (2013.01); **F23G 2207/30** (2013.01)

Citation (applicant)  
WO 2020187637 A1 20200924 - DOOSAN LENTJES GMBH [DE]

Citation (search report)  
• [A] DE 19648639 A1 19980423 - STEINMUELLER GMBH L & C [DE]  
• [A] EP 0741267 A1 19961106 - BABCOCK ANLAGEN GMBH [DE]  
• [A] JP 2016090089 A 20160523 - KAWASAKI HEAVY IND LTD  
• [A] JP 2002022125 A 20020123 - KOBE STEEL LTD  
• [A] CN 211204051 U 20200807 - EVERBRIGHT ENVIRONMENTAL PROTECTION RES INST NANJING CO LTD, et al

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