

Title (en)  
WASTE TREATMENT INSTALLATION

Title (de)  
ABFALLBEHANDLUNGSANLAGE

Title (fr)  
INSTALLATION DE TRAITEMENT DE DÉCHETS

Publication  
**EP 3230654 B1 20200325 (EN)**

Application  
**EP 15826142 A 20151210**

Priority  
• FI 20146081 A 20141210  
• FI 2015050868 W 20151210

Abstract (en)  
[origin: WO2016092154A1] A marine vessel (V) waste treatment installation (10), which includes at least one waste receiving unit (2), at least one waste feeding unit (3), at least one incinerator unit (4) provided with an outlet (7), and at least one flue gas pipeline (8) connected to the outlet (7). In order to provide for a desired cooling of the flue gas, the flue gas pipeline (8) is provided with an inline cooling arrangement (10) in order to cool the discharged flue gas to a given temperature. The cooling arrangement (10) includes a water injection device (11) with a water discharge nozzle (12) for feeding a water stream directly into the flue gas pipeline (8). The cooling arrangement (10) is also provided with a pressurized air injection device (16) for feeding pressurized air into the water stream.

IPC 8 full level  
**F23J 15/06** (2006.01); **B01F 23/213** (2022.01); **F23L 7/00** (2006.01)

CPC (source: EP FI KR)  
**B01F 23/21321** (2022.01 - FI); **F23G 5/40** (2013.01 - FI); **F23J 15/06** (2013.01 - EP FI KR); **F23L 7/002** (2013.01 - EP);  
**F23J 2219/80** (2013.01 - EP KR)

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