

Title (en)
ASH PUSHING DEVICE

Title (de)
ASCHENSCHUBVORRICHTUNG

Title (fr)
DISPOSITIF DE POUSSÉE DE CENDRES

Publication
EP 3730839 A1 20201028 (EN)

Application
EP 19750979 A 20190208

Priority
• JP 2018022206 A 20180209
• JP 2019004662 W 20190208

Abstract (en)
An ash discharger (1) includes an ash introduction opening (2), an ash cooling tank (3), a scraper (4), a driving unit (5) that drives the scraper (4), an ash discharge opening (6), a first communicating portion (7) inclined downward from the ash cooling tank (3), a float tank (8) connected to the first communicating portion (7), a liquid level gauge (24), a first liquid supply device (27) that supplies liquid to the discharge opening, a second liquid supply device (34) that supplies liquid to the ash cooling tank (3), and a control device (9) that controls the first liquid supply device (27) and the second liquid supply device (34). The control device (9) supplies the liquid up to a predetermined liquid level when the liquid surface has dropped, and supplies the liquid to a vicinity of the discharge opening (6) when a torque is equal to or greater than a predetermined value.

IPC 8 full level
F23J 1/02 (2006.01); **F23J 1/00** (2006.01)

CPC (source: EP RU)
F23G 5/00 (2013.01 - RU); **F23J 1/02** (2013.01 - RU); **F23J 1/06** (2013.01 - EP); **F23J 2700/003** (2013.01 - EP); **F23J 2900/01006** (2013.01 - EP); **F23J 2900/01009** (2013.01 - EP); **F23J 2900/01021** (2013.01 - EP)

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BA ME

DOCDB simple family (publication)
EP 3730839 A1 20201028; **EP 3730839 A4 20210303**; CN 111630322 A 20200904; JP 2019138550 A 20190822; JP 6417617 B1 20181107; RU 2744426 C1 20210309; WO 2019156221 A1 20190815

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