

Title (en)

Apparatus for burning and gasifying solid biomass fuel

Title (de)

Vorrichtung zum Verbrennen und Vergasen von festen Biomassen

Title (fr)

Appareil pour la combustion et la gazéification de biomasse compactée

Publication

**EP 1070918 B1 20050511 (DE)**

Application

**EP 00890225 A 20000719**

Priority

AT 49599 U 19990721

Abstract (en)

[origin: EP1070918A1] The combustion and gasification process involves burning biomass balls. For this purpose, a feed channel (5) comes out into a combustion chamber (6). The air jets (9) are opposite the feed channel. An ignition shield (8) is fitted in the vicinity of the air jets to support the combustion of the biomass, reflecting back the combustion heat of the balls.

IPC 1-7

**F23L 1/00**; **F23G 7/10**

IPC 8 full level

**F23G 7/10** (2006.01); **F23L 1/00** (2006.01)

CPC (source: EP US)

**F23G 7/10** (2013.01 - EP US); **F23L 1/00** (2013.01 - EP US); **F23G 2203/803** (2013.01 - EP)

Cited by

RU2721057C1; EP1429088A1; EP1429087A1; CN112268280A; WO02086390A1

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**EP 1070918 A1 20010124**; **EP 1070918 B1 20050511**; AT 3840 U1 20000825; DE 50010268 D1 20050616

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