

Title (en)
A PELLET BURNER

Title (de)
PELLETBRENNER

Title (fr)
BRULEUR DE PASTILLES

Publication
EP 2032896 A1 20090311 (EN)

Application
EP 07748185 A 20070530

Priority
• SE 2007000521 W 20070530
• SE 0601191 A 20060530

Abstract (en)
[origin: WO2007139475A1] Burner for particulate fuel, above all pellets such as bio-pellets, comprising a chute (10) having a longitudinal axis (11), the chute having a generally horizontally oriented longitudinal axis and having an inner wall of an essentially cup-shapedly upwardly open cross-section shape, a feeding device (30-34) for feeding a bed (20) of the particulate matter in and along the chute (10), and a device (40) for supply of primary air to the bed (20) in the chute (10), characterized in that the primary air supply device (40) is arranged to, without contact, direct primary air from above toward the free top- side of the bed (20) in the chute.

IPC 8 full level
F23B 40/06 (2006.01); **F23H 15/00** (2006.01); **F23L 1/00** (2006.01)

CPC (source: EP SE US)
F23B 40/06 (2013.01 - EP US); **F23H 15/00** (2013.01 - SE); **F23L 1/00** (2013.01 - EP SE US); **F23L 15/04** (2013.01 - EP US);
Y02E 20/34 (2013.01 - EP US)

Citation (search report)
See references of WO 2007139475A1

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