

Title (en)
Boiler

Title (de)
Kessel

Title (fr)
Chaudière

Publication
EP 2762777 A1 20140806 (EN)

Application
EP 14466002 A 20140124

Priority
CZ 201374 A 20130204

Abstract (en)
Boiler for burning whole bales of biomass, the boiler containing a combustion chamber (1) and a heat exchanger (2), said combustion chamber (1) containing a waste-gas flue (3) arranged in its top section and where the inlet (24) of waste gases into the waste-gas flue (3) is arranged on the side of the combustion chamber (1) which is opposite to the side with at least one intake (25) supplying the combustion chamber (1) with combustion air.

IPC 8 full level
F23B 60/00 (2006.01); **F23B 80/04** (2006.01); **F23G 7/10** (2006.01); **F23L 5/02** (2006.01); **F23L 9/06** (2006.01); **F23L 13/00** (2006.01); **F23L 17/00** (2006.01); **F24H 6/00** (2022.01)

CPC (source: EP)
F23B 60/00 (2013.01); **F23B 80/04** (2013.01); **F23G 7/10** (2013.01); **F23L 5/02** (2013.01); **F23L 9/06** (2013.01); **F23L 13/00** (2013.01); **F23L 17/005** (2013.01); **F23G 2207/30** (2013.01); **F23G 2209/26** (2013.01); **F23G 2900/50209** (2013.01)

Citation (applicant)
• CS 228635 B1 19840514 - NOVOTNY VLADIMIR DOC ING CSC, et al
• CZ 20011178 A3 20021113 - NUCLEA [CZ]
• CZ 16473 U1 20060503 - SAMAL VACLAV [CZ], et al
• CZ 303224 B6 20120530 - TENZA [CZ]
• CZ 17061 U1 20061204 - AAAIMAL VAICLAV [CZ], et al
• DK 621286 A 19871106 - VOELUND AS [DK]

Citation (search report)
• [XYI] WO 2012148171 A1 20121101 - KIM YONG-HYUN [KR]
• [X] DE 102007023051 A1 20081120 - AHRENDTS MARTIN [DE]
• [X] EP 0798510 A2 19971001 - FISCHER GEORG GMBH & CO [DE]
• [Y] WO 2008043920 A2 20080417 - ENTPR RONOT [FR], et al
• [Y] EP 2051007 A1 20090422 - DAL PRA ROBERT [IT]
• [YD] CZ 303224 B6 20120530 - TENZA [CZ]
• [A] DE 8505936 U1 19861127

Cited by
RU2670131C1; CN108386830A; WO2017168772A1; WO2016189437A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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