

Title (en)
FUEL FEED SYSTEM FOR A PELLET FIRE

Title (de)
BRENNSTOFFZUFUHRSYSTEM FÜR EINEN PELLET-BRENNER

Title (fr)
SYSTÈME D'ALIMENTATION EN COMBUSTIBLE POUR BRÛLEUR À PASTILLES

Publication
EP 2534423 A4 20171122 (EN)

Application
EP 11741961 A 20110131

Priority
• NZ 57896810 A 20100210
• IB 2011050405 W 20110131

Abstract (en)
[origin: WO2011098932A1] A fuel feed system for a pellet fire which includes conveying means within a casing, said casing including a plurality of inlet means distributed lengthwise along the casing and a plurality of outlet means distributed lengthwise along the casing, such that each inlet means is horizontally offset from the adjacent outlet means and wherein said conveying means is configured to move compressed fuel pellets from an inlet means to an adjacent outlet means; such that in use said fuel feed system is configured to form a plurality of overlapping piles of compressed fuel pellets in a burn pot of the pellet fire.

IPC 8 full level
F23K 3/00 (2006.01); **F23K 3/14** (2006.01); **F24B 13/04** (2006.01)

CPC (source: EP)
F23B 50/12 (2013.01); **F24B 13/04** (2013.01)

Citation (search report)
• [I] WO 2009134904 A2 20091105 - CARLSON TIMOTHY RANDALL [US]
• [A] JP 2008281217 A 20081120 - NEPON KK
• [A] US 2007137503 A1 20070621 - TRAEGER JOSEPH P [US], et al
• See references of WO 2011098932A1

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

DOCDB simple family (publication)
WO 2011098932 A1 20110818; AU 2011213993 A1 20120830; AU 2011213993 B2 20141106; EP 2534423 A1 20121219;
EP 2534423 A4 20171122; EP 2534423 B1 20190612; HU E046137 T2 20200228; JP 2013519858 A 20130530; JP 5780436 B2 20150916;
NZ 578968 A 20110331

DOCDB simple family (application)
IB 2011050405 W 20110131; AU 2011213993 A 20110131; EP 11741961 A 20110131; HU E11741961 A 20110131; JP 2012552495 A 20110131;
NZ 57896810 A 20100210