Title (en)
    BOILER BURNER FOR SOLID FUELS OF THE BIOMASS OR TYRE TYPE AND BOILER COMPRISING SUCH BURNER

Title (de)
    KESSELBRENNER FÜR FESTBRENNSTOFFE DER BIOMASSEN- ODER REIFENART UND SOLCH EINEN BRENNER UMFASSENDER KESSEL

Title (fr)
    BRÛLEUR POUR CHAUDIÈRE À COMBUSTIBLES SOLIDES DU TYPE BIOMASSE, PNEU AINSI QU'UNE CHAUDIÈRE COMPORTANT UN TEL BRÛLEUR

Publication
    EP 2084454 B1 20160309 (FR)

Application
    EP 07866460 A 20071029

Priority
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    • FR 0609469 A 20061027

Abstract (en)
    [origin: FR2907881A1] The burner has a primary air intake unit (13) in a cylinder (1) or a heating element. The unit is positioned in a lower part of the burner below a base wall (3) such as grille, provided with perforations. The wall is arranged for receiving the solid fuel. A depression generating unit generates the depression within the burner to create circulation of primary air from the bottom of the wall and solid fuel till a gas output tube (4) in an upper part of the burner. The generating unit is constituted of a compressed air distribution unit (2) positioned in an elevated part of the burner.

IPC 8 full level
    F23B 50/00 (2006.01)

CPC (source: EP US)
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