

Title (en)
BURNER ASSEMBLY, METHOD FOR OPERATING SAID BURNER ASSEMBLY AND PLANT COMPRISING SAID BURNER ASSEMBLY

Title (de)
BRENNERANORDNUNG, VERFAHREN FÜR BESAGTE BRENNERANORDNUNG UND ANLAGE MIT BESAGTER BRENNERANORDNUNG

Title (fr)
ENSEMBLE BRÛLEUR, PROCÉDÉ DUDIT ENSEMBLE BRÛLEUR ET INSTALLATION COMPRENANT DUDIT ENSEMBLE BRÛLEUR

Publication
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Application
EP 20206294 A 20201106

Priority
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Abstract (en)
[origin: EP3819540A1] A burner assembly for burning pulverised fuel is provided with a primary duct (2) extending along a longitudinal axis (A) wherein a flow of air and pulverised fuel flows in one direction (D); the primary duct (2) having one inlet (7) and one outlet (8); and with an inlet assembly (6) connected to the inlet (7) of the primary duct (2) and supplied, in use, with air and pulverised fuel; the inlet assembly (6) being provided with at least one inclined portion (13) configured to deflect the flow of air and fuel in such a way that the flow itself has a velocity component opposite to the direction (D); wherein the inclined portion is defined by a first wall (16) with a first outer lateral surface (17) facing the primary duct (2) and a second wall (18) with a second outer lateral surface (19) not facing the primary duct (2); wherein at least the first wall (16) deflects the flow of air and pulverised fuel.

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F23D 1/00 (2006.01)

CPC (source: EP)
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