

Title (en)
COMBUSTION CHAMBER FOR A HOT GAS GENERATOR OF AN ASPHALT PRODUCTION PLANT WITH AIR BAFFLES AND METHOD FOR SECURING THE AIR BAFFLES

Title (de)
BRENNKAMMER FÜR EINEN HEISSGASERZEUGER EINER ASPHALTPRODUKTIONSANLAGE MIT LUFTLEITBLECHEN UND VERFAHREN ZUR BEFESTIGUNG DER LUFTLEITBLECHE

Title (fr)
CHAMBRE DE COMBUSTION POUR UN GÉNÉRATEUR DE GAZ CHAUDS D'UNE INSTALLATION DE PRODUCTION D'ASPHALTE AVEC DÉFLECTEURS D'AIR ET PROCÉDÉ POUR LA FIXATION DES DÉFLECTEURS D'AIR

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Application
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Abstract (en)
[origin: WO2020200450A1] The invention relates to a combustion chamber (4) for a hot gas generator (2) of an asphalt production plant (1). The combustion chamber (4) comprises a drum-like main body (6) with a burner end (A) and a hot gas outlet end (B), which main body is lined on the inside with multiple air baffles (7) for secondary air which follow one another in the combustion chamber circumferential direction. The outer sides of the air baffles (7) face the inside of the main body (6), and their inner sides form the delimitations of the combustion space (8) of the combustion chamber (4). At least some of the air baffles (7) are held in the main body (6) of the combustion chamber (4) by means of bracket and bolt arrangements (9a), in such a way that securing brackets (10) protruding radially over the inner sides of the air baffles (7) into the combustion chamber (8) are passed through by securing bolts (11), which produce a form fit in the radial direction between the securing brackets (10) and the inner sides of the air baffles (7). As a result of the invention it is possible to remove individual air baffles (7) from the combustion chamber interior and re-install them quickly, with a low material outlay and little effort, without destroying any components, whether this is for the purpose of replacement or to inspect and/or clean the secondary air region.

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