

Title (en)

Plant for producing bituminous conglomerate in continuous work cycle.

Title (de)

Anlage zur Bereitung eines Bitumenkonglomerats im Kontinuerverfahren.

Title (fr)

Installation pour la production continue d'agglomerés de bitume.

Publication

**EP 0653517 A1 19950517 (EN)**

Application

**EP 93830458 A 19931117**

Priority

EP 93830458 A 19931117

Abstract (en)

The invention refers to a closed operative plant consists of a cylindrical rotary kiln (6-7) with upper filtering unit (34) for the smokes to be used for producing bituminous conglomerate. Said cylindrical kiln with initial part of smaller diameter (6), forming the drying chamber (16), and subsequent part of larger diameter (7), forming the combustion chamber (17), foresees in its inner a cylindrical structure (21) with fixed duct, brought on header (22), which lets in the heat flow from the burner (32) to the combustion chamber (17) countercurrent compared to the direction of advancement of the inert product. Inside the cylindrical kiln is then foreseen a mixing chamber (23) formed by a closed unit lying behind the wall where is placed the inlet of the heat flow. Moreover it is foreseen the unloading of the product ready to be used from the mixing chamber (23) by means of three hydraulic cylinder (28) which open a set of equidistant portholes (29). The filtering unit consists of a closed cycle realizing the blasting of the smokes purified by means of fabric filters (37). The purifies air is then unloaded outdoor passing through a stack 40 using an intake manifold (38) with air propeller (39). Moreover it is foreseen the coming into the mixing chamber (23) of the recovery fine dust of cement together with nonasphaltic road oil at 140 DEG , coming from a feeder by means of a duct (25), and with other material made by fine dust of cement acting as binder coming from a screw conveyor (26) coaxially placed around the duct (25). <IMAGE>

IPC 1-7

**E01C 19/10**

IPC 8 full level

**E01C 19/10** (2006.01)

CPC (source: EP)

**E01C 19/1031** (2013.01); **E01C 19/1036** (2013.01); **E01C 2019/109** (2013.01)

Citation (search report)

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