

Title (en)
PLANETARY MIXER FOR THE PRODUCTION OF CONCRETE

Title (de)
PLANETENMISCHER ZUR HERSTELLUNG VON BETON

Title (fr)
MÉLANGEUR PLANÉTAIRE POUR LA PRODUCTION DE BÉTON

Publication
EP 2558260 B1 20140402 (EN)

Application
EP 10721555 A 20100416

Priority
IB 2010051672 W 20100416

Abstract (en)
[origin: WO2011128727A1] A planetary mixer for the production of concrete at construction sites or similar and at the sites of the manufacturers of prefabricated elements, where the mixer comprises a tank (21) fitted with a fixed reduction gear unit (22) carrying the mixing means and their actuating components and where the upper central part of the fixed body (22) has a feeder unit (24) where the system for distributing water, cement and additives (24) is fixed to the fixed reduction gear body (22) and comprises a series of concentric pipes where the first, innermost pipe (33) is for the passage of cement, the outer concentric pipe (34) is for dust extraction and, being concentric with the cement pipe, limits the formation of cement dusts, and the last, outermost concentric pipe (35) which is used for feeding in water and which thanks to a sector (36) with a cone-shaped lower edge, distributes an umbrella-like shower of water and additives radially over the entire surface of the tank through the openings (37) located at regular intervals; additives enter the water pipe through the connectors (17).

IPC 8 full level
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Cited by
CN112692994A; CN107344397A

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