

Title (en)

A concrete manufacturing plant and a method for manufacturing concrete

Title (de)

Betonherstellungsanlage und Verfahren zur Herstellung von Beton

Title (fr)

Installation de fabrication de béton et procédé pour fabriquer du béton

Publication

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Application

EP 10460028 A 20100624

Priority

PL 38838909 A 20090625

Abstract (en)

The invention relates to a concrete manufacturing plant and a method for manufacturing concrete. The concrete manufacturing plant according to the present invention is equipped with devices designed for mixing and with devices designed for dosing and weighing, and features the following detachable equipment, arranged as a sequence: hoist winch container (5), silo container (4), mixer container (3), and the cement silo (2) located at the side of the plant. The method for manufacturing concrete according to the invention is characterized in that at the first stage cement, sand, water and plasticizers are mixed together separately, and then aggregates are added.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- PL 183166 B1 20020531 - TECWILL OY [FI]
- PL 38365 B
- PL 103005 B1 19790531
- PL 149755 B1 19900331

Cited by

CN115958701A; CN112171895A; CN113172755A; CN107825592A; BE1020517A3; EP2639030A1; WO2013131152A3

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