

Title (en)

MIXING METHOD FOR MAKING CONCRETE AND/OR MORTAR, AND DEVICE FOR CARRYING OUT THIS METHOD

Publication

EP 0192234 B1 19910515 (DE)

Application

EP 86102060 A 19860218

Priority

AT 45585 A 19850218

Abstract (en)

[origin: EP0192234A2] Fractionated mineral aggregates, hydraulic binders and, if appropriate, polymeric additives are mixed with mixing water to give concrete and/or mortars, preferably for use in mobile mixer units, the pre-metered aggregates and the binder as well as the pre-metered mixing water being introduced, if appropriate together with polymeric additives, by means of a conveyor belt into the interior of the mixer device and, after mixing, the mixed material being discharged through an orifice of the mixer trough. The charging and discharge take place continuously, the throughput rate per minute is between 40 % and 400 %, preferably between 80 % and 200 %, of the average quantity filled into the mixer and, in addition to the known mixing by means of moving mixing arms or other activators, the mixer content is excited by one or more vibrators located close to the bottom.

IPC 1-7

B28C 9/04

IPC 8 full level

B28C 9/04 (2006.01)

CPC (source: EP)

B28C 9/0454 (2013.01)

Cited by

CN103407357A; GB2251559A; DE3790130C2; AT521654A1; WO9623639A1; WO2007105017A1

Designated contracting state (EPC)

BE CH DE FR IT LI NL

DOCDB simple family (publication)

EP 0192234 A2 19860827; EP 0192234 A3 19870128; EP 0192234 B1 19910515; DE 3679212 D1 19910620

DOCDB simple family (application)

EP 86102060 A 19860218; DE 3679212 T 19860218