

Title (en)

APPARATUS FOR PROPORTIONING AND ELEVATING ADDITIVES IN THE PREPARATION OF CONCRETE

Publication

EP 0023338 B1 19830525 (DE)

Application

EP 80104294 A 19800722

Priority

DE 2930154 A 19790725

Abstract (en)

[origin: US4339204A] Apparatus for metering and feeding aggregate materials for the production of concrete is constructed so as to be transportable as a unit. To this end, the frame of the apparatus is in two parts which are pivotally connected with one another, the one, fixed, part accommodating metering apparatus, and the other, movable, part accommodating an elevated storage and mixing apparatus. The movable part pivots down into a transporting condition and up into its operating condition. The two frame parts together provide an inclined path for a charge box by which metered quantities of aggregate are transferred from the metering apparatus to the mixing apparatus. Various damping devices are provided for preventing undue vibrations at the start and end of the movement of the charge box.

IPC 1-7

B28C 9/04; **B28C 7/14**; **B28C 9/02**

IPC 8 full level

B28C 7/08 (2006.01); **B28C 7/14** (2006.01); **B28C 9/00** (2006.01); **B28C 9/02** (2006.01); **B28C 9/04** (2006.01)

CPC (source: EP US)

B28C 7/0841 (2013.01 - EP US); **B28C 9/00** (2013.01 - EP US); **B28C 9/0427** (2013.01 - EP US)

Cited by

CN101870140A; FR2518009A1; ITCT20130003A1; CN106239732A; FR2512381A1; CN105965696A; EP0807502A1; US5797676A

Designated contracting state (EPC)

AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0023338 A2 19810204; **EP 0023338 A3 19810218**; **EP 0023338 B1 19830525**; AT E3516 T1 19830615; CA 1147320 A 19830531; DE 2930154 A1 19810212; US 4339204 A 19820713

DOCDB simple family (application)

EP 80104294 A 19800722; AT 80104294 T 19800722; CA 356908 A 19800724; DE 2930154 A 19790725; US 17112880 A 19800722