

Title (en)  
CONCRETE MIXER WITH VIBRATOR

Publication  
**EP 0084359 B1 19870422 (DE)**

Application  
**EP 83100300 A 19830114**

Priority  
DE 3201162 A 19820115

Abstract (en)  
[origin: EP0084359A2] 1. Concrete mixer with a drum (1), in which mixing material comprising concrete components and mixing water, which can be introduced via a water supply line (8), can be mixed thoroughly by means of mixer elements (6), and with at least one vibrator (8 ; 11 ; 11' ; 16) which can be driven in order to impart vibration energy to the mixing material, characterized in that the mixing water serves as a drive for the vibrator (11, 11', 16) and either is made to pulsate by means of a pump (9') operating in pulses or itself drives a pulsator (13) or a turbine (21, 22) interacting with a rotating unbalanced mass (23).

IPC 1-7  
**B28C 5/18**; **B28C 5/42**; **B28C 7/12**

IPC 8 full level  
**B06B 1/20** (2006.01); **B28C 5/18** (2006.01); **B28C 5/42** (2006.01); **B28C 5/48** (2006.01); **B28C 7/12** (2006.01)

CPC (source: EP)  
**B06B 1/20** (2013.01); **B28C 5/48** (2013.01); **B28C 7/126** (2013.01)

Cited by  
RU2734304C1; EP0186457A3; FR2557494A1; US8864366B2

Designated contracting state (EPC)  
AT CH FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0084359 A2 19830727**; **EP 0084359 A3 19840912**; **EP 0084359 B1 19870422**; AT E26666 T1 19870515; DE 3201162 C1 19830519

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