

Title (en)
CONCRETE VIBRATOR

Title (de)
BETONVIBRATOR

Title (fr)
VIBREUR POUR BÉTON

Publication
EP 4306744 A3 20240313 (EN)

Application
EP 23183006 A 20230703

Priority
US 202217861923 A 20220711

Abstract (en)
A concrete vibrator includes a housing, a strap, an electric motor, a flexible shaft, a vibrator head, and battery pack. The strap is removably coupled to the housing. The electric motor s coupled to the housing. The flexible shaft has a first end coupled to the motor and an opposite, second end. The vibrator head is coupled to the second end of the shaft. The vibrator head is configured to receive torque from the motor and the shaft to cause the vibrator head to vibrate. The battery pack is coupled to a battery receptacle defined on the housing. The battery pack is configured to provide electric current to the electric motor to drive the motor and the shaft. The concrete vibrator is operable in a messenger bag configuration in which the strap is used to carry the concrete vibrator with the housing in a horizontal orientation.

IPC 8 full level
E04G 21/08 (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP)
B25F 5/02 (2013.01); **E04G 21/08** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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