

Title (en)
Road roller

Title (de)
Bodenverdichtungsmaschine

Title (fr)
Compacteur routier

Publication
EP 2881516 A1 20150610 (DE)

Application
EP 14004040 A 20141201

Priority
DE 102013020690 A 20131203

Abstract (en)
[origin: US2015152606A1] The present invention relates to a soil compaction machine, in particular, a vibration compactor, which comprises a vibration exciter for generating different kinds of exciter vibration having a first and a second imbalance shaft, which are arranged in parallel to one another. Each imbalance shaft is driven via a separate motor, so that the rotational velocity, the rotational direction, and the phase relation of each of the imbalance shafts can be changed separately.

Abstract (de)
Bodenverdichtungsmaschine, insbesondere einen Vibrationsverdichter, die einen Schwingungserreger zur Erzeugung unterschiedlicher Erregerschwingungen mit einer ersten und einer zweiten Unwuchtwelle (10, 10'), die parallel zueinander angeordnet sind, umfasst. Jede Unwuchtwelle (10, 10') wird über einen eigenen Motor (12, 12') angetrieben, so dass die Rotationsgeschwindigkeit, die Drehrichtung und die Phasenlage jeder der Unwuchtwellen (10, 10') separat veränderbar sind.

IPC 8 full level
E01C 19/28 (2006.01); **E01C 19/35** (2006.01); **E01C 19/38** (2006.01)

CPC (source: EP US)
B06B 1/161 (2013.01 - US); **E01C 19/282** (2013.01 - US); **E01C 19/283** (2013.01 - EP US); **E01C 19/286** (2013.01 - EP US); **E01C 19/35** (2013.01 - EP US); **E01C 19/38** (2013.01 - EP US); **E02D 3/026** (2013.01 - US)

Citation (applicant)
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