

Title (en)
Vibratory compactor controller

Title (de)
Rüttelverdichtersteuervorrichtung

Title (fr)
Contrôleur de compacteur vibrant

Publication
EP 2182117 A1 20100505 (EN)

Application
EP 08168108 A 20081031

Priority
EP 08168108 A 20081031

Abstract (en)
An apparatus (10) for actuating a vibratory mechanism in a vehicle comprising a sensor (14) configured to produce an operational value signal indicative of an operational characteristic of the vehicle; a computing device (11) operable to receive the operational value signal and determine actuation values based at least in part on the operational value signal and to produce a corresponding control signal for selectively actuating the vibratory mechanism; and an input device (13) configured to modify the actuation values during operation of the vehicle. A method for controlling a vibratory mechanism in a vehicle comprising the steps of producing an operational value signal indicative of an operational characteristic of the vehicle; determining actuation values from the operational value signal; modifying actuation values during operation of the vehicle; and signaling the vibratory mechanism to actuate in response to actuation values.

IPC 8 full level
E01C 19/28 (2006.01)

CPC (source: EP US)
E01C 19/288 (2013.01 - EP US)

Citation (search report)
• [X] US 3775019 A 19731127 - KONIG F, et al
• [X] EP 0777016 A1 19970604 - INGERSOLL RAND CO [US]
• [X] WO 9510664 A1 19950420 - THURNER GEODYNAMIK AB [SE], et al
• [X] JP 2008240394 A 20081009 - SAKAI JUKOGYO KK

Citation (examination)
US 2003047003 A1 20030313 - MIYAMOTO ISAMU [JP], et al

Cited by
CN113373764A; US2023311903A1; US12030506B2

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 08168108 A 20081031; US 60843609 A 20091029