

Title (en)

SOIL COMPACTOR AND METHOD FOR COMPACTING A SOIL

Title (de)

BODENVERDICHTER UND VERFAHREN ZUM VERDICHTEN VON UNTERGRUND

Title (fr)

COMPACTEUR DE SOL ET PROCÉDÉ DE COMPACTAGE DE SOL

Publication

**EP 3181753 B1 20190206 (DE)**

Application

**EP 16203935 A 20161214**

Priority

DE 102015122161 A 20151218

Abstract (en)

[origin: JP2017110490A] PROBLEM TO BE SOLVED: To provide a compactor and a method for compacting the ground which can reliably prevent a ground material to be compacted from attaching to a periphery of one or a plurality of compacting roller of the compactor. SOLUTION: A compactor (10) comprises: at least one compacting roller (18 or 22) which can be rotated around a rotation shaft; a temperature detection structural body (42) which obtains temperature information representing a temperature of the ground (U, Uand U) in a working region of the compactor; a water sprinkling structural body (24 or 28) which is installed for each of at least one compacting roller (18 or 22) to sprinkle liquid over the same; and a control structural body (40) which controls at least one water sprinkling structural body (24 or 28) and/or generates a water sprinkling instruction on the basis of the temperature information. SELECTED DRAWING: Figure 1

IPC 8 full level

**E01C 19/23** (2006.01)

CPC (source: CN EP US)

**E01C 19/23** (2013.01 - US); **E01C 19/238** (2013.01 - EP US); **E01C 19/26** (2013.01 - CN US)

Citation (examination)

JP 2007132080 A 20070531 - KAJIMA ROAD CO LTD

Cited by

US2017356141A1; EP3828342A1; DE102019131890A1; EP3492655A1; DE102017011146A1; US10669676B2

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DOCDB simple family (application)

**EP 16203935 A 20161214**; CN 201611159276 A 20161215; CN 201621377035 U 20161215; DE 102015122161 A 20151218; JP 2016244121 A 20161216; US 201615378190 A 20161214