

Title (en)

VIBRATION DAMPER FOR A COUPLING JOINT OF A DEPTH VIBRATOR

Title (de)

SCHWINGUNGSDÄMPFER FÜR EIN KUPPLUNGSGELENK EINES TIEFENRÜTTLERS

Title (fr)

AMORTISSEUR DE VIBRATIONS POUR ARTICULATION D'ACCOUPLEMENT D'UN DISPOSITIF DE VIBRATION EN PROFONDEUR

Publication

**EP 3237687 A1 20171101 (DE)**

Application

**EP 15823601 A 20151221**

Priority

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- EP 2015080735 W 20151221

Abstract (en)

[origin: WO2016102433A1] The invention relates to a vibration damper (5) for a coupling joint (42) of a depth vibrator (1) for compacting a ground. The coupling joint (42) is configured such that the coupling joint can be arranged radially between a radially inner side lower end (80) of a coupling stamp (8) of the depth vibrator (1) and a radially outer side coupling housing (40) of the depth vibrator (1), comprising a first fastening element (51), a second fastening element (52), and a spring element (53) that is at least sectionally arranged radially between the first fastening element (51) and the second fastening element (52). The vibration damper (5) is characterized in that at least one fastening element (51, 52) has at least one radial protrusion (54, 55, 56) that at least sectionally extends radially toward the other fastening element (51, 52), and against which the spring element (53) can be pressed, at least partially, in the direction of the longitudinal axis (L).

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Citation (search report)

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