

Title (en)

Manual guide frame for compactor

Title (de)

Führungsrahmen mit Handführung für Verdichter

Title (fr)

Cadre de guidage manuel pour compacteur

Publication

EP 0703320 A3 19961016 (DE)

Application

EP 95114091 A 19950908

Priority

- DE 4433243 A 19940919
- DE 19511738 A 19950331

Abstract (en)

[origin: EP0703320A2] The soil compactor (3) is fitted with a support frame (5) by which the machine is guided over the ground. The operator grips a separately hinged handgrip frame (10) which is linked to the main frame by two side hinge points (12) which include elastomer blocks to isolate the handgrip from severe vibrations. The handgrip pivots about a loosely defined axis (20) through the blocks. The elastomer blocks are clamped in outer rigid housings and locate the pivot axes of the handgrip. The mounting allows the axes to move loosely in the blocks to absorb vibrations in any direction.

IPC 1-7

E02D 3/046; **E01C 19/35**; **B25G 1/01**; **B25F 5/02**

IPC 8 full level

B25F 5/00 (2006.01); **E01C 19/35** (2006.01); **E02D 3/046** (2006.01)

CPC (source: EP)

B25F 5/006 (2013.01); **E01C 19/35** (2013.01); **E02D 3/046** (2013.01)

Citation (search report)

- [XY] US 3416417 A 19681217 - MCILRATH WILLIAM P, et al
- [X] US 2737094 A 19560306 - CORWILL JACKSON
- [XA] GB 1018746 A 19660202 - EBERHARD DORNFELD
- [XA] NL 6513555 A 19660718
- [DX] DE 2241692 A1 19730308 - KOEHRING CO
- [Y] EP 0455618 A1 19911106 - ATLAS COPCO TOOLS AB [SE]
- [A] DE 3304849 A1 19831124 - M S GIKEN CO [JP], et al
- [A] EP 0128128 A2 19841212 - TRELLEBORG AB [SE]
- [A] DE 3121882 A1 19820211 - HITACHI KOKI KK [JP]
- [A] EP 0057166 A2 19820804 - BYGGERGONOMILABORATORIET AB [SE]
- [A] US 5054562 A 19911008 - HONSA THOMAS W [US], et al

Cited by

GB2386858B; EP1127983A3; GB2435847A; GB2435847B; CN116927040A; US8562258B2; US8128319B2

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