

Title (en)

VIBRATING DEVICE FOR AN OPERATING MACHINE FOR A HYDRAULIC SHOVEL

Title (de)

WERKMASCHINE-RÜTTELVORRICHTUNG FÜR EINEN HYDRAULISCHEN BAGGER

Title (fr)

DISPOSITIF A VIBRATIONS POUR MACHINE COMPORTANT UNE PELLE HYDRAULIQUE

Publication

EP 0785312 A4 19980128 (EN)

Application

EP 95932957 A 19951003

Priority

- JP 9502010 W 19951003
- JP 26443394 A 19941005

Abstract (en)

[origin: WO9611306A1] The present invention relates to a vibrating device for an operating machine for a hydraulic shovel for efficiently performing vibrating operations such as digging and roll-compacting work. To this end, the vibrating device comprises a rotary vibrating valve (15) for continuously switching pressure oil from a hydraulic source (10) for discharging and a vibrating mode switching valve (17) having two positions, a position where switched discharge oil is continuously discharged in one direction and another position where said oil is alternately switched for discharging, wherein discharge oil from said vibrating mode switching valve (17) is supplied to either actuators (5, 7, 9) for said operating machine or vibrating actuator (30) so as to vibrate said operating machine (1a).

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

E02F 3/43 (2013.01 - KR); **E02F 9/221** (2013.01 - EP); **E02F 9/2217** (2013.01 - EP); **E02F 9/24** (2013.01 - KR); **F15B 21/12** (2013.01 - EP)

Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 170 (M - 094) 29 October 1981 (1981-10-29)
- See references of WO 9611306A1

Cited by

US11591769B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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