

Title (en)

Device for speed synchronisation of two vibrators

Title (de)

Vorrichtung zur Geschwindigkeitssynchronisation zweier Vibratoren

Title (fr)

Dispositif pour la synchronisation de la vitesse de deux vibrateurs

Publication

**EP 2148006 A1 20100127 (EN)**

Application

**EP 08466017 A 20080724**

Priority

EP 08466017 A 20080724

Abstract (en)

The device for the speed synchronisation of two vibrators consisting of the first and second closed hydraulic circuits (13 and 14) to which two control pumps (11 and 12), two hydromotors (15 and 16) and one proportional throttle valve (18) are connected, when the mentioned closed hydraulic circuits (13 and 14) with one by-pass piping (16) drive two vibrators (20 and 21) with the eccentric weights (22 and 23) and are equipped with two position sensors (24A and 24B) the signals of which are sent to the control unit (19).

IPC 8 full level

**E01C 19/28** (2006.01); **E02D 3/074** (2006.01)

CPC (source: EP)

**E01C 19/286** (2013.01); **E02D 3/074** (2013.01)

Citation (applicant)

WO 9919911 A1 19990422 - GENNUM CORP [CA], et al

Citation (search report)

- [DA] WO 02099199 A1 20021212 - INGERSOLL RAND CO [US]
- [A] US 4187036 A 19800205 - BIELINSKI RALPH F [US], et al
- [A] DE 3912277 A1 19901018 - KRACHT PUMPEN MOTOREN [DE]
- [A] US 6241420 B1 20010605 - PERRIN JACQUES [FR], et al

Cited by

CN101967820A; GB2498369A; WO2013023452A1

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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