

Title (en)

Method and device for vibratory driving of an object

Title (de)

Verfahren und Vorrichtung zum Antreiben eines Objektes

Title (fr)

Procedé et dispositif pour entraîner un objet

Publication

EP 0951949 A1 19991027 (EN)

Application

EP 99201235 A 19990422

Priority

NL 1008965 A 19980422

Abstract (en)

Method for vibratory driving of an object, in particular a pile or sheet piling for introducing into or removing from the ground. The object is fixed to a vibrating device. In the device a first pair of eccentric rotatable weights (5,6) is driven by a first hydraulic motor (3) and a second pair of eccentric rotatable weights (7,8) is driven by a second hydraulic motor (4). A difference in phase between the alternating forces generated by the first pair (5,6) and the second pair (7,8) is changed by temporarily changing the ratio of the liquid flow to each of the motors (3,4). <IMAGE>

IPC 1-7

B06B 1/16

IPC 8 full level

B06B 1/16 (2006.01); **E02D 7/18** (2006.01)

CPC (source: EP)

B06B 1/16 (2013.01); **E02D 7/18** (2013.01)

Citation (search report)

- [X] WO 9108842 A2 19910627 - GEDIB INGBUERO INNOVATION [DE]
- [DA] EP 0524056 A1 19930120 - PROCEDES TECH CONST [FR]
- [A] US 4481835 A 19841113 - STORM STIG [SE]

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