

Title (en)

DISTRIBUTED SEISMIC SOURCE ARRAY FOR USE IN MARINE ENVIRONMENTS

Title (de)

VERTEILTE SEISMISCHE QUELLENANORDNUNG ZUR VERWENDUNG IN MARINEN UMGEBUNGEN

Title (fr)

RÉSEAU DE SOURCES SISMQUES DISTRIBUÉ POUR UTILISATION DANS DES ENVIRONNEMENTS MARINS

Publication

EP 3341762 A1 20180704 (EN)

Application

EP 16839990 A 20160823

Priority

- US 201562209196 P 20150824
- US 2016048201 W 20160823

Abstract (en)

[origin: WO2017035144A1] An acoustic sound source designed to impart vibratory energy into its surrounding environment by linearly displacing transducer face plate(s) that are coupled to a rotary motor via crankshaft/connecting rod(s) or camshaft(s). The frequency of the vibrational energy is proportional to the speed of the rotary motor and the amplitude of the vibrational energy is proportional to the linear displacement of the transducer faceplates. The motor can be manually or automatically controlled to operate at a fixed speed and/or a variety of time varying speeds such as frequency sweeps or ramps. The linear displacement or amplitude of the transducer faceplates can also be manually or automatically controlled to operate at a fixed displacement or to have the displacement vary with time and/or frequency.

IPC 8 full level

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