

Title (en)
ACOUSTIC PROJECTOR SYSTEM WITH NON-UNIFORM SPACING

Title (de)
AKUSTIKPROJEKTORSYSTEM MIT UNGLEICHFÖRMIGEM ABSTAND

Title (fr)
SYSTÈME DE PROJECTEUR ACOUSTIQUE À ESPACEMENT NON UNIFORME

Publication
EP 3093841 A1 20161116 (EN)

Application
EP 16169038 A 20160510

Priority

- US 201514708610 A 20150511
- KR 20150181815 A 20151218

Abstract (en)
An underwater acoustic projector system that includes a linear array of acoustic projectors in close proximity such that the acoustic projectors interact with one another when they produce acoustic pressures, wherein each acoustic projector in the linear array is spaced apart from an adjacent acoustic projector by a respective distance, and wherein the respective distance between two acoustic projectors proximate the center of the linear array is greater than the respective distance between two acoustic projectors proximate the end of the linear array.

IPC 8 full level
G10K 9/12 (2006.01)

CPC (source: EP)
G10K 9/121 (2013.01); **G10K 9/22** (2013.01); **G10K 11/008** (2013.01)

Citation (applicant)
US 2009268554 A1 20091029 - ARMSTRONG BRUCE ALLAN [CA]

Citation (search report)

- [XY] US 2008056069 A1 20080306 - DOISY YVES [FR], et al
- [Y] US 5701277 A 19971223 - RING MARTIN D [US], et al
- [AD] US 2009268554 A1 20091029 - ARMSTRONG BRUCE ALLAN [CA]

Cited by
US11194067B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3093841 A1 20161116; EP 3093841 B1 20211117; CA 2929297 A1 20161111; CA 2929297 C 20230801

DOCDB simple family (application)
EP 16169038 A 20160510; CA 2929297 A 20160509