

Abstract

METHOD FOR DETECTING NAVAL MINES AND NAVAL MINE DETECTION SYSTEM

The invention concerns a group of vessels (24), having an
5 unmanned surface vessel (3) and an unmanned underwater vessel
(1, 1a), wherein the underwater vessel comprises a location
device, in particular a sonar device, for sensing location
data (12) in the underwater area and one evaluation unit or
more evaluation units, and the evaluation unit or the
10 evaluation units are arranged in such a manner that these
comprise detection means (20) for detecting (14) a contact
(MILEC) with the aid of the sensed location data (12) and
with classification means (21) for classifying (15) the
detected contact (MILEC) as a mine-like contact (MILCO) or
15 non mine-like contact (NONMILCO), whereby classification is
accomplished by comparing the contact (MILEC) with known mine
information so that a mine-like contact (MILCO) can be
identified as a mine contact (MINE) or as another object
(NOMBO).