

Title (en)

Anchor and anchoring system which do not damage the seafloor

Title (de)

Den Seeboden nicht beschädigender Anker und entsprechendes Verankerungssystem

Title (fr)

Ancre et système d'ancrage non destructifs pour fond marin

Publication

**EP 0947420 B1 20041222 (FR)**

Application

**EP 99400840 A 19990406**

Priority

FR 9804146 A 19980403

Abstract (en)

[origin: EP0947420A1] The anchor consists of a metal spiral (10) made from heat treated steel or steel alloyed with silicium or vanadium which is screwed into the plant layer (40). The length of the spiral can be from one to several meters, its diameter of several dozen centimeters, and its pitch from a dozen to several dozen centimeters. A length of mooring line attached to the anchor is selected so that it lies at an angle of 30 - 60 degrees to the sea bed. Where necessary, a number of anchors can be inserted in a row and connected by a bar.

IPC 1-7

**B63B 21/26**; **E02D 5/80**

IPC 8 full level

**B63B 21/26** (2006.01); **E02D 5/80** (2006.01)

CPC (source: EP)

**B63B 21/26** (2013.01); **E02D 5/801** (2013.01); **B63B 2021/225** (2013.01)

Cited by

FR2913033A1; NL1034886C2; FR2905388A1; WO2007019609A1; WO2008104712A1

Designated contracting state (EPC)

CY ES FR GR IT MC

DOCDB simple family (publication)

**EP 0947420 A1 19991006**; **EP 0947420 B1 20041222**; ES 2237054 T3 20050716; FR 2776982 A1 19991008; FR 2776982 B1 20000602

DOCDB simple family (application)

**EP 99400840 A 19990406**; ES 99400840 T 19990406; FR 9804146 A 19980403