

Title (en)

Prefabricated component element for underwater installation and module for reducing coastal erosion

Title (de)

Fertigbauteil-Element für Unterwassereinbau und Modul zur Erosionsverhinderung von Küsten

Title (fr)

Élément de composant semi-fini pour l'intégration sous-marine et module pour éviter l'érosion du littoral

Publication

EP 2302135 B1 20130911 (DE)

Application

EP 09012166 A 20090924

Priority

EP 09012166 A 20090924

Abstract (en)

[origin: EP2302135A1] The element (10) has twelve passage openings (2) formed over a surface of a base body (1) that is made of cast concrete material, and a reinforcement part (4) formed in an interior of material of the base body for reinforcing the base body. The reinforcement part comprises multiple rods (5) made of glass fiber reinforced plastic. The shape and size of the passage openings are adjusted such that the openings are permeable to sand and sediments under a preset size and form a partial retainer on the element for stone and sediments having the preset size.

IPC 8 full level

E02B 3/14 (2006.01)

CPC (source: EP)

E02B 3/14 (2013.01)

Cited by

EP2484650A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2302135 A1 201110330; EP 2302135 B1 20130911; DK 2302135 T3 20131209; WO 2011035850 A2 20110331; WO 2011035850 A3 20110623

DOCDB simple family (application)

EP 09012166 A 20090924; DK 09012166 T 20090924; EP 2010005394 W 20100902