

Title (en)
Breakwater antierosion barrier obtained by assembling modular joined components

Title (de)
Wellenbrechende Erosionsbarriere aus modular zusammengesetzten Komponenten

Title (fr)
Barrière brise-lame anti-érosion assemblée des composants modulaires connectés

Publication
EP 1416092 A1 20040506 (EN)

Application
EP 03023163 A 20031013

Priority
IT VR20020107 A 20021030

Abstract (en)
Shaped openings (3) are formed in the central section of each modular component (1). Connecting portions, arranged on the beveled edges (4) of the modular components, are fastened by screws to couple and fix the modular components together to form simple pyramidal modular structures or more complex modular structures.

IPC 1-7
E02B 3/12; E02B 3/04

IPC 8 full level
E02B 3/04 (2006.01)

CPC (source: EP)
E02B 3/04 (2013.01)

Citation (applicant)
EP 1193348 A2 20020403 - TECNOTRE S R L [IT]

Citation (search report)
• [X] EP 1193348 A2 20020403 - TECNOTRE S R L [IT]
• [XA] US 5173006 A 19921222 - LOWE WILLIAM R [US]
• [X] US 3561402 A 19710209 - ISHIDA SHINICHI, et al
• [A] JP S5354587 A 19780518 - KIKUCHI IORI

Cited by
US9181662B2; EP4170094A1; IT202100027365A1

Designated contracting state (EPC)
DE ES FR IT

DOCDB simple family (publication)
EP 1416092 A1 20040506; EP 1416092 B1 20080924; DE 60323719 D1 20081106; ES 2314153 T3 20090316; IT VR20020107 A1 20040430

DOCDB simple family (application)
EP 03023163 A 20031013; DE 60323719 T 20031013; ES 03023163 T 20031013; IT VR20020107 A 20021030