

Title (en)  
MODULAR VERTICAL CONSTRUCTION ELEMENT ESPECIALLY INTENDED FOR USE IN RETAINING STRUCTURES, AND PROCESS FOR MAKING SUCH STRUCTURES

Publication  
**EP 0031773 A3 19810923 (FR)**

Application  
**EP 80401837 A 19801222**

Priority  
FR 7932164 A 19791228

Abstract (en)  
[origin: ES8200938A1] A vertical modular construction element of cast concrete rests at its lower end on spaced feet between which at least one closed steel loop is provided for the reception of threaded reinforcing rods that interconnect a series of such construction elements disposed side-by-side, for the construction of retaining walls, etc. The closed loop depends below the construction element a distance less than the height of the feet, so that the closed loop is spaced above the ground when the element rests on the ground on its feet. The elements can be either ribbed or rectangular in cross section. If ribbed, then there is a foot at the end of each free edge of each rib and the loop is embedded in one of the feet. In any case, the loops are the lower portions of U-shaped steel rods whose legs extend up along the height of the element and are embedded in the element so as to resist horizontal forces imposed on the element.

IPC 1-7  
**E04H 3/18**; **E02D 29/02**

IPC 8 full level  
**E02D 29/02** (2006.01); **E04H 4/00** (2006.01)

CPC (source: EP US)  
**E02D 29/0266** (2013.01 - EP US); **E04H 4/0087** (2013.01 - EP US)

Citation (search report)  
• FR 2185117 A5 19731228 - BALZER EDMOND [FR]  
• FR 2120233 A5 19720818 - GUYARD PIERRE, et al  
• FR 2287564 A2 19760507 - DESJOYAUX JEAN [FR]

Cited by  
BE1006446A3; FR2621059A1; FR2555623A1

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**EP 0031773 A2 19810708**; **EP 0031773 A3 19810923**; CA 1157281 A 19831122; ES 498613 A0 19811116; ES 8200938 A1 19811116; FR 2472649 A1 19810703; FR 2472649 B1 19830718; US 4432176 A 19840221

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