

Title (en)

Wall of pre-cast panels, particularly for earth-retaining and for building liquid-holding tanks.

Title (de)

Mauer, zusammengesetzt aus vorgefertigten Betonwänden, insbesondere für Erdstützung und Flüssigkeitsbehälter.

Title (fr)

Mur composé de panneaux préfabriqués, en particulier pour des soutènements de terre et pour des réservoirs contenant des liquides.

Publication

**EP 0253150 A2 19880120 (EN)**

Application

**EP 87108762 A 19870619**

Priority

IT 5361586 U 19860711

Abstract (en)

The wall is adapted to structurally cooperate with a cast-in-place, reinforced-concrete foundation bed, each panel comprising a facing and a back rib at right angles to the facing and integral therewith; the facing and the rib extending downwardly into substantially tripod-arranged support members. According to the invention, each panel further comprises: - three levelling screws in said support members for adjusting the plumbing of the panel, and adapted to cooperate with corresponding first metal plates buried in a support floor of pre-cast concrete; - second metal plates integral with said support members, adapted to cooperate with angle members which are welded to said first and second plates for provisionally stabilizing the panel; - portions of bare reinforcement extending between a said support members, adapted to be buried in the casting th of the foundation bed; - cylindrical hinge couplings with vertical axis and conjugated profiles, provided at the edges of said facing; - a web at the outside edge of the rib, adapted to act both as a tie and as a strut, depending on the direction of the stresses acting on the wall.

IPC 1-7

**E02D 29/02**; **E04H 7/18**

IPC 8 full level

**E02D 29/02** (2006.01); **E04H 7/18** (2006.01)

CPC (source: EP)

**E02D 29/0266** (2013.01); **E04H 7/18** (2013.01)

Cited by

FR2830028A1; ES2060518A2; CN100462517C; CN113107249A; US2012017522A1; ES2112097A1; ES2063609A2

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

**EP 0253150 A2 19880120**; **EP 0253150 A3 19880504**; IT 208034 Z2 19880331; IT 8653615 V0 19860711

DOCDB simple family (application)

**EP 87108762 A 19870619**; IT 5361586 U 19860711