

Title (en)

RETAINING SYSTEM FOR PRECAST ELEMENTS AND MANUFACTURING METHOD

Title (de)

VERBINDUNGSSYSTEME FÜR BETONFERTIGTEILEN UND HERSTELLUNGSMETHODE

Title (fr)

SYSTÈME DE RETENUE POUR ÉLÉMENTS PRÉFABRIQUÉS ET MÉTHODE DE FABRICATION

Publication

**EP 4074910 B1 20230920 (EN)**

Application

**EP 22168638 A 20220415**

Priority

IT 202100009620 A 20210416

Abstract (en)

[origin: EP4074910A1] A retaining system (1) for constraining two precast elements (51, 52) for buildings, comprises a first anchoring insert (2; 32) associable with a first precast element (51), a second anchoring insert (3) associable with a second precast element (52) and connecting means (20) for connecting and constraining the anchoring inserts (2, 3); the second anchoring insert (3) comprises a portion of an open section channel (4) provided with a longitudinal cavity (5) and the first anchoring insert (2; 32) comprises at least one side wall (11) provided with a slot (12; 42); the connecting means (20) comprise a screw (21) connecting the longitudinal cavity (5) and the slot (12; 42); the first anchoring insert (2) includes a portion (10) of a tubular section (100) provided with a side through opening (14; 44) obtained by cutting the portion (10) and shaping it so as to form two anchoring tubular protrusions (13), which are parallel and spaced and extend from the side wall (11).

IPC 8 full level

**E04B 1/41** (2006.01); **E04B 1/04** (2006.01)

CPC (source: EP)

**E04B 1/043** (2013.01); **E04B 1/4107** (2013.01)

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4074910 A1 20221019; EP 4074910 B1 20230920**; IT 202100009620 A1 20221016; RS 65004 B1 20240131

DOCDB simple family (application)

**EP 22168638 A 20220415**; IT 202100009620 A 20210416; RS P20231224 A 20220415