

Title (en)

Insulating formwork for concrete construction elements

Title (de)

Isolationsschalung für Betonwandungen

Title (fr)

Coffrage isolant pour parois en béton

Publication

EP 1775397 A1 20070418 (FR)

Application

EP 05292172 A 20051014

Priority

EP 05292172 A 20051014

Abstract (en)

The shuttering is made from a series of adjacent rock wool panels (I1, I2) with anchoring elements (E1, E'1, E2, E'2) for reinforcing mesh (T) on one side and metal reinforcing sheets (1) on the other. The metal sheets, made from galvanised steel, have raised sides (3, 4) and turned-over horizontal edges (7) that engage with slots in the rock wool panels. The base of each metal sheet has lengthwise stiffening ribs, while its turned-over edges have V-section locking ribs (30).

IPC 8 full level

E04B 5/40 (2006.01)

CPC (source: EP)

E04B 5/40 (2013.01)

Citation (applicant)

- EP 0427596 A1 19910515 - SAINT GOBAIN ISOVER [FR]
- EP 1215346 A1 20020619 - USINOR [FR]
- FR 2624154 A1 19890609 - ROCKWOOL ISOLATION SA [FR]

Citation (search report)

- [XA] FR 2098568 A5 19720310 - CATESSON CLAUDE
- [X] US 3238681 A 19660308 - ENRICO VIVIO
- [XA] US 6298622 B1 20011009 - CRETTI PIERO [CH]
- [X] EP 0562190 A1 19930929 - UEKI KOUKAN KABUSHIKI KAISHA [JP]
- [A] WO 9745604 A1 19971204 - PLANNJA AB [SE], et al
- [A] FR 2080643 A3 19711119 - GUIGOZ ANDRE [CH]
- [AD] EP 1215346 A1 20020619 - USINOR [FR]
- [AD] EP 0427596 A1 19910515 - SAINT GOBAIN ISOVER [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1775397 A1 20070418; EA 012427 B1 20091030; EA 200801084 A1 20080829; EP 1943395 A1 20080716; EP 1943395 B1 20140319; ES 2467766 T3 20140613; UA 90179 C2 20100412; WO 2007045744 A1 20070426

DOCDB simple family (application)

EP 05292172 A 20051014; EA 200801084 A 20061012; EP 06820200 A 20061012; ES 06820200 T 20061012; FR 2006002299 W 20061012; UA A200806371 A 20061012