

Title (en)

Frame and locking means for portable shuttering panel

Title (de)

Rahmen und Verbindungselement für tragbare Schalungstafeln

Title (fr)

Cadre et verrou pour panneau de coffrage manuellement portable

Publication

**EP 0831186 B1 20040225 (FR)**

Application

**EP 97500157 A 19970917**

Priority

ES 9601974 A 19960918

Abstract (en)

[origin: EP0831186A1] The frame for a coffering panel incorporates a perimeter metal plate aligned with holes for the passage of bolts connecting panels. Each of the holes has an intermediate circular section and two radially extended opposite end sectors. The width of the end sectors is substantially less than the diameter of the intermediate sector. The bolt (5) is made from a link pin with a diameter equal to the circular sector and central holes. The bolt also has a transverse pin (8) located near one end, the other end having a head (7). Between the head and the pin is a longitudinal groove (9) where there is locking wedge (10). The bolt is subject to a gyrator movement of 90 deg. to become locked.

IPC 1-7

**E04G 9/02**; **E04G 17/04**

IPC 8 full level

**E04G 9/02** (2006.01); **E04G 17/04** (2006.01)

CPC (source: EP)

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Cited by

CN113646495A; EP1538277B1

Designated contracting state (EPC)

FR PT

DOCDB simple family (publication)

**EP 0831186 A1 19980325**; **EP 0831186 B1 20040225**; AR 009350 A1 20000412; BR 9710820 A 19991207; CO 4771118 A1 19990430; ES 2130960 A1 19990701; ES 2130960 B1 20000216; ES 2151341 A1 20001216; ES 2151341 B1 20011116; ES 2151377 A1 20001216; ES 2151377 B1 20010716; PT 831186 E 20040531

DOCDB simple family (application)

**EP 97500157 A 19970917**; AR P970103888 A 19970827; BR 9710820 A 19970918; CO 97053006 A 19970911; ES 9601974 A 19960918; ES 9700607 A 19970320; ES 9800275 A 19980212; PT 97500157 T 19970917