

Title (en)  
LINING BOARD WITH A SUPPORT WITH AN APPROXIMATELY U-SHAPED CROSS SECTION

Title (de)  
SCHALTAFEL MIT TRÄGER MIT ETWA U-FÖRMIGEM QUERSCHNITT

Title (fr)  
PANNEAU DE COFFRAGE POURVU D'UN SUPPORT AYANT UNE SECTION TRANSVERSALE EN U

Publication  
**EP 0710315 B1 19970305 (DE)**

Application  
**EP 94923698 A 19940629**

Priority  
• DE 4322271 A 19930705  
• EP 9402115 W 19940629

Abstract (en)  
[origin: US5669188A] PCT No. PCT/EP94/02115 Sec. 371 Date Jan. 5, 1996 Sec. 102(e) Date Jan. 5, 1996 PCT Filed Jun. 29, 1994 PCT Pub. No. WO95/02101 PCT Pub. Date Jan. 19, 1995 The form panel (1) has a lining skin (2) and girders (4) supporting the lining skin (2) on the side averted from the concrete, as well as possibly marginal webs (3) which run approximately parallel to the girders (4) and enable adjacent form panels (1) to be coupled and connected to one another. The girders (4) have an approximately U-shaped cross section, the U-limbs (5) departing from a U-crosspiece (6) to diverge slantwise and having at their free ends, where they are furthest apart from each other, oppositely directed fastening flanges (7) for joining to the lining skin (2). For the form panel to be extended on at least one side in continuation of the longitudinal direction of the girders (4), the girder (4) in question consists of at least two girder parts or portions (4a) and (4b) which are adjustable relative to each other in the longitudinal direction and embrace each other at least in an overlapping zone, whereby inside the cross section of the internal girder portion (4b) the U-limbs thereof form together with the lining skin (2) an angle of inclination which is more obtuse or larger than the corresponding angle of the girder portion (4a) embracing the girder portion (4b), or the angle between the two U-limbs of the internal girder portion (4b) is more acute than the corresponding angle between the U-limbs (5) of the external girder portion (4a).

IPC 1-7  
**E04G 9/08**; **E04G 9/02**; **E04G 11/06**; **E04G 17/14**

IPC 8 full level  
**E04G 9/00** (2006.01); **E04G 9/02** (2006.01); **E04G 9/08** (2006.01); **E04G 11/06** (2006.01); **E04G 17/14** (2006.01)

CPC (source: EP KR US)  
**E04G 9/02** (2013.01 - EP US); **E04G 9/08** (2013.01 - EP US); **E04G 11/06** (2013.01 - EP US); **E04G 11/065** (2013.01 - EP US); **E04G 17/042** (2013.01 - KR); **E04G 17/14** (2013.01 - EP US); **E04G 17/16** (2013.01 - KR)

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IE IT LI NL PT SE

DOCDB simple family (publication)  
**US 5669188 A 19970923**; AT E149612 T1 19970315; AU 672920 B2 19961017; AU 7384194 A 19950206; BR 9406862 A 19960326; CA 2158163 A1 19950119; CA 2158163 C 20050628; CN 1060836 C 20010117; CN 1125970 A 19960703; CZ 244895 A3 19960417; CZ 288804 B6 20010912; DE 4322271 A1 19950119; DE 4322271 C2 19970807; DE 59401976 D1 19970410; DK 0710315 T3 19970915; EP 0710315 A1 19960508; EP 0710315 B1 19970305; ES 2098975 T3 19970501; HR P940382 A2 19960831; HR P940382 B1 19980228; HU 214468 B 19980330; HU 9503779 D0 19960228; HU T74144 A 19961128; JP H08512372 A 19961224; KR 960702042 A 19960328; LV 11562 A 19961020; LV 11562 B 19961220; NO 305615 B1 19990628; NO 960031 D0 19960104; NO 960031 L 19960104; PL 177542 B1 19991231; PL 311754 A1 19960318; RU 2126075 C1 19990210; SI 9420025 A 19960229; SK 162695 A3 19960703; SK 279678 B6 19990211; UA 27994 C2 20001016; WO 9502101 A1 19950119; ZA 944667 B 19950217

DOCDB simple family (application)  
**US 57853096 A 19960105**; AT 94923698 T 19940629; AU 7384194 A 19940629; BR 9406862 A 19940629; CA 2158163 A 19940629; CN 94192589 A 19940629; CZ 244895 A 19940629; DE 4322271 A 19930705; DE 59401976 T 19940629; DK 94923698 T 19940629; EP 9402115 W 19940629; EP 94923698 A 19940629; ES 94923698 T 19940629; HR P940382 A 19940701; HU 9503779 A 19940629; JP 50380495 A 19940629; KR 19950704805 A 19951101; LV 960029 A 19960202; NO 960031 A 19960104; PL 31175494 A 19940629; RU 96102568 A 19940629; SI 9420025 A 19940629; SK 162695 A 19940629; UA 96010104 A 19940629; ZA 944667 A 19940629