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(71) Applicant: **ILPA Engineering S.r.l.**
25075 Nave (BS) (IT)

(72) Inventor: **PASOTTI, Rubens**
25075 Nave (BS) (IT)

(74) Representative: **Karaghiosoff, Giorgio**
Alessandro
c/o Praxi Intellectual Property S.p.A. - Savona
Via F. Baracca 1R, 4° piano
"Il Gabbiano"
17100 Savona (IT)

(54) **NEW PANEL FOR FORMWORKS FOR SLABS HAVING INCREASED THICKNESS AND BEING SECURED BY PINS**

(57) Panel for making retaining walls of concrete formwork, in particular for concrete slab retaining formwork or the like, which panel comprises at least one plate (10) of wood or comprising wood, which plate (10) of wood is coated in at least some areas, preferably on its outer faces and/or along its edges with a waterproofing and/or protective coating (2, 310) and wherein the wood plate (10) is formed of at least one layer (210) of birch wood that is arranged in relation to the longitudinal directions and in width of the panel with the wood fibers in a first direction and at least one layer (110) of fir wood that is arranged in relation to the longitudinal directions and in width of the panel with the wood fibers in a second direction, said two layers of wood (110, 210) being coupled together by chemical/physical adhesion along the faces of mutual contact.

The invention also has as object a formwork provides for at least one, preferably some or all of the panels having the above-mentioned characteristics.

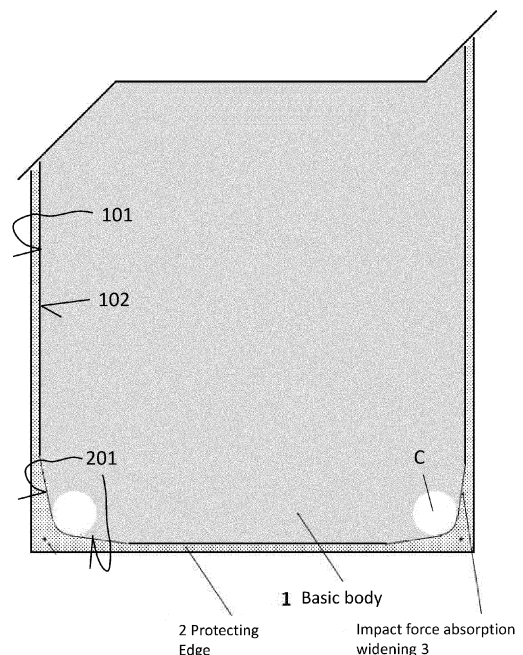


Fig. 1



EUROPEAN SEARCH REPORT

Application Number

EP 23 15 8433

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EPO FORM 1503 03:82 (P04C01)

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	PINNINGTON C: "OVERLAID PANELS FOR CONCRETE FORMWORK", CONCRETE ENGINEERING INTERNATIONAL, CONCRETE SOCIETY, CAMBERLEY, GB, vol. 4, no. 7, 1 October 2000 (2000-10-01) , pages 26-28, XP000959784, ISSN: 1742-352X * page 2, column 3, line 29 - page 3, column 2, line 7 *	1-7, 12-14	INV. E04G11/38 E04G11/48 E04G9/04 E04G9/05 E04G9/02
A	ES 2 221 801 B1 (ULMA C Y E S COOP [ES]) 1 December 2005 (2005-12-01) * page 1, line 18 - line 19 *	1-7, 12-14	
A	EP 1 921 223 A2 (ULMA C Y E S COOP [ES]) 14 May 2008 (2008-05-14) * paragraph [0011] - paragraph [0012] *	1-7, 12-14	
A	EP 2 218 847 A2 (AMARO TIMBER LTD [GB]) 18 August 2010 (2010-08-18) * paragraph [0005] - paragraph [0110]; figures 1-4 *	1-7, 12-14	TECHNICAL FIELDS SEARCHED (IPC)
A	GB 2 200 679 A (TIMBER RES DEV ASS) 10 August 1988 (1988-08-10) * claims 1-3; figure 1 *	1-7, 12-14	E04G
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 3 May 2023	Examiner Baumgärtel, Tim
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

1-7, 12-14

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7, 12-14

Panel with wooden plate or a plate comprising wood, with a birch wood and a fir wood layer

2. claims: 8-14

Containment formwork with a support structure, panels and a fixation between the support structure and the panels

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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