

Title (en)

FORMWORK OF REDUCING THICKNESS DUE TO LOADING OF SLAB CAST IN-SITU

Title (de)

SCHALUNG MIT REDUZIERTER DICKE AUFGRUND VON IN-SITU-LADEN VON PLATTENGUSS

Title (fr)

COFFRAGE D'ÉPAISSEUR QUI DIMINUE EN RAISON DU CHARGEMENT D'UNE DALLE COULÉE IN SITU

Publication

**EP 3008262 A4 20170201 (EN)**

Application

**EP 14810816 A 20140611**

Priority

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Abstract (en)

[origin: WO2014200364A1] An formwork apparatus (1,5) and a method of use of the apparatus, for forming a concrete slab (17). The apparatus comprising a support element (6,7) having an active layer (10) preferably bonded on each side to a backing sheet (8,9). The layer (10) chosen to slowly compress over time when placed under a load, the rate of compression chosen such that the active layer continues to support the slab until such time as the slab becomes self-supporting (i.e. the concrete has cured/set - preferably over a period of 2 to 10 days). The backing sheet (8) has a surface which is preferably of a relatively low coefficient of friction. When two support elements (6,7) are laid one on top of the other with the surfaces (8) in contact, the upper support element (6) may slide over the lower support element (7), for example during a seismic event.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XAI] US 2005031832 A1 20050210 - KANNANKERIL CHARLES [US], et al
- [XA] WO 9114828 A1 19911003 - OBERMEISTER LOUIS [GB]
- See references of WO 2014200364A1

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