

Title (en)
LIGHT-WEIGHT FILLING BODY FOR CONCRETE SLABS AND BLOCKS

Title (de)
LEICHTER FÜLLKÖRPER FÜR BETONPLATTEN UND -BLÖCKE

Title (fr)
CORPS DE REMPLISSAGE ALLÉGEUR POUR DALLES ET HOURDIS EN BÉTON

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Application
EP 15825427 A 20150326

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Abstract (en)
[origin: EP3173542A1] The invention relates to a light- weight filling body for concrete slabs and blocks, formed by a single body or by two sub-bodies (2) which are preferably identical, or which can be joined together to define, once assembled, a single hollow filling body (1) having a spheroid shape, in general a substantially cylindrical lateral peripheral portion, and a substantially horizontal central upper portion, having a positioning element (5, 6) formed in the substantially horizontal upper portion, and a set of ribs (3) for supporting the metal reinforcement of the block, said ribs being raised above the surface of the filling body (1). According to one embodiment, the positioning body (5) is formed by a peripheral crown of a continuous height, according to another embodiment, same is formed by a set of portions or wedge-like pieces (8) having a circular sector shape, and according to another embodiment, same is formed by a set of raised portions (33) of the support ribs (3) on the end thereof closest to the centre of said body.

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E04B 5/328 (2013.01)

Citation (search report)
• [XAI] US 2012311959 A1 20121213 - MIEDZIK GEORG [CH], et al
• [XI] EP 2474677 A2 20120711 - LEVINTON RICARDO HORACIO [AR], et al
• [X] KR 100875698 B1 20081223 - BANSEOK TOP BASE CO LTD [KR], et al
• See references of WO 2016012639A1

Cited by
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