

Title (en)
REINFORCED CONCRETE ELEMENT, BEAM AND FLOOR

Title (de)
STAHLBETONELEMENT, TRÄGER UND BODEN

Title (fr)
ÉLÉMENT EN BÉTON ARMÉ, POUTRE ET PLANCHER

Publication
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Application
EP 17761324 A 20170725

Priority
• IT 201600078034 A 20160726
• IB 2017054487 W 20170725

Abstract (en)
[origin: WO2018020407A1] A reinforced concrete element (1), comprising: a reinforcement (100) made of metal; a block of concrete (4) which incorporates the reinforcement (100). The reinforcement (100) comprises: a first plate (2) which is planar, which has a longitudinal extension along a first axis (X) and which comprises a first surface (2a), a second surface (2b) opposite the first surface (2a), a first longitudinal flank (2c), and a second longitudinal flank (2d) opposite the first flank (2c); a second plate (3) which has a longitudinal extension along a second axis (Y) and which comprises a first portion (3a) that is planar and comprises a first longitudinal flank (30a) parallel to the second extension axis (Y). The first plate (2) and the second plate (3) are fixed to one another in such a way that: the first extension axis (X) and the second extension axis (Y) are parallel; the first flank (30a) of the first portion (3a) of the second plate (3) contacts the first surface (2a) of the first plate (2); the second plate (3) is transversal relative to the first plate (2). The block of concrete (4) contacts the first surface (2a) of the first plate (2) and incorporates the second plate (3).

IPC 8 full level
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CPC (source: EP)
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• JP 2014037765 A 20140227 - KAJIMA CORP
• US 6807789 B1 20041026 - KIM DAE-YOUNG [KR], et al

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