

Title (en)

Broken-spiral stirrup and method for implementing the reinforcement of concrete structures

Title (de)

Spiralförmiger Bewehrungsbügel und Betonsbewehrungsmethode dazu

Title (fr)

Etrier d'armature en forme de spirale cassée et méthode de renforcement de béton relative

Publication

EP 1469135 A1 20041020 (EN)

Application

EP 04425256 A 20040407

Priority

IT AR20030018 A 20030414

Abstract (en)

Stirrup structure (1) shaped like a broken spiral, extending according to its longitudinal axis (A), constituted by a sequence of tracts substantially perpendicular (3) and substantially oblique (2) with respect to the longitudinal axis, forming winding configurations, with the oblique tracts (2) tilted two by two in directions different between them to implement the spiral pitch (D) and positioned on faced surfaces, with which implementing the method consisting in handling the single stirrup structure (1) in an axially compacted state, in positioning it in the site on a resting base or inside a form, in positioning inside thereof the reinforcement longitudinal members, in releasing the stirrup structure (1) from the ties in order to allow it extending elastically, then in fastening it with anchoring means to the reinforcement longitudinal members. <IMAGE>

IPC 1-7

E04C 5/06

IPC 8 full level

B21F 27/12 (2006.01); **E04C 5/06** (2006.01); **E04C 5/16** (2006.01)

CPC (source: EP)

B21F 27/122 (2013.01); **E04C 5/0618** (2013.01); **E04C 5/16** (2013.01)

Citation (applicant)

EP 0152397 A2 19850821 - RAKENNUSVALMISTE OY [FI]

Citation (search report)

- [DYA] EP 0152397 A2 19850821 - RAKENNUSVALMISTE OY [FI]
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EP 1469135 A1 20041020; **EP 1469135 B1 20100602**; AT E470029 T1 20100615; DE 602004027438 D1 20100715; DK 1469135 T3 20101004; ES 2347048 T3 20101025; IT AR20030018 A1 20030714; PL 1469135 T3 20101029

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