

Title (en)
Steel reinforcement frame for reinforced concrete

Title (de)
Stahlbewehrungsrahmen für Stahlbeton

Title (fr)
Cadre d'armature en acier pour du béton armé

Publication
EP 1437452 B1 20060524 (EN)

Application
EP 03380309 A 20031229

Priority
ES 200300069 A 20030113

Abstract (en)
[origin: EP1437452A2] Steel reinforcement frame for the construction of unidirectional and bi-directional forgings for reinforced concrete, in which the frame is formed of an upper longitudinal round rod (1), a lower longitudinal round rod (2) and a transverse frame formed by U-shaped elements (3), (3'), (3''), which join the upper and lower longitudinal round rods. This frame is positioned inside two or more pieces which we call a supporting piece-separator. The shapes of these pieces are as follows: open trapezoidal (5), open trapezoidal but with the width at its lower base equal to the separation of the lightening elements (5'), open rhomboidal (6), closed trapezoidal (7), closed trapezoidal but with the width at its lower base equal to the separation of the lightening elements (7') and closed rhomboidal (8). <IMAGE>

IPC 8 full level
E04C 5/065 (2006.01); **E04B 5/32** (2006.01); **E04C 5/06** (2006.01); **E04C 5/16** (2006.01); **E04C 5/18** (2006.01)

CPC (source: EP ES)
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EP 1437452 A2 20040714; **EP 1437452 A3 20040818**; **EP 1437452 B1 20060524**; AT E327394 T1 20060615; DE 60305428 D1 20060629; DE 60305428 T2 20070510; ES 2246619 A1 20060216; ES 2246619 B1 20070101; PT 1437452 E 20060929

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