

Title (en)
Reinforcing bar with ribs and reinforced concrete

Title (de)
Betonstahl mit Rippen, Stahlbeton

Title (fr)
Acier à béton nervuré et béton armé

Publication
EP 1231331 B1 20061220 (DE)

Application
EP 02002017 A 20020206

Priority
DE 10105667 A 20010208

Abstract (en)
[origin: EP1231331A2] Reinforcing steel comprises ribs (2) having a rib head width (b) greater than 0.2 times, preferably smaller than 0.5 times, especially 0.3-0.4 times, particularly 0.32-0.37 times the nominal diameter. Preferred Features: The angle (beta) of the rib to the longitudinal axis of the reinforcing steel is 25-55, preferably 35-45, especially 37-42 degrees , and is identical for all ribs. The reinforcing steel is rod-like and made by hot rolling.

IPC 8 full level
E04C 5/03 (2006.01)

CPC (source: EP)
E04C 5/03 (2013.01)

Citation (examination)
• US 4811541 A 19890314 - FINSTERWALDER ULRICH [DE]
• FR 2350441 A1 19771202 - CENTRE RECH METALLURGIQUE [BE]

Cited by
CN101942887A; CN102102424A; EP1512805A1; CN110392759A; EP3561195A4

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1231331 A2 20020814; EP 1231331 A3 20021204; EP 1231331 B1 20061220; AT E348923 T1 20070115; DE 10105667 A1 20020926; DE 50208977 D1 20070201

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