

Title (en)
RIBBED REINFORCING BAR

Title (de)
GERIPPTE BEWEHRUNGSSTAB

Title (fr)
TIGE D'ARMATURE À PROFIL PÉRIODIQUE

Publication
EP 3561195 B1 20220330 (EN)

Application
EP 18732226 A 20180221

Priority
• RU 2016150953 A 20161223
• RU 2018000103 W 20180221

Abstract (en)
[origin: EP3561195A2] The invention is directed toward the creation of a ribbed reinforcing bar without longitudinal ribs, which provides improved reinforcement for reinforced concrete structures and can also be used as a ground anchor and as a fastening element for formwork and other mechanical connecting and anchoring devices. This technical result is achieved in that a ribbed reinforcing bar has a core with a circular cross-section and inclined crescent-shaped transverse protuberances arranged in four rows over the surface of the bar. In order to allow two-high rolling without the formation of longitudinal ribs, the peaks of the transverse protuberances are arranged in a checkerboard fashion along a spiral line over the entire surface of the core. The peaks of adjacent longitudinal rows of transverse protuberances are situated in inclined axial planes of the bar which lie at angles of from 20° to 70° adjacent to axial planes which coincide with the rolling axes of the bar. The protuberances can be arranged on the surface of the bar such as to form a spiral thread.

IPC 8 full level
E04C 5/03 (2006.01)

CPC (source: EA EP RU)
E04C 5/03 (2013.01 - EA EP RU)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3561195 A2 20191030; EP 3561195 A4 20201111; EP 3561195 B1 20220330; CN 110392759 A 20191029; EA 037229 B1 20210224; EA 201900335 A1 20191129; RU 2016150953 A 20180625; RU 2016150953 A3 20180720; RU 2680153 C2 20190218; WO 2018117916 A2 20180628; WO 2018117916 A3 20180802

DOCDB simple family (application)
EP 18732226 A 20180221; CN 201880011343 A 20180221; EA 201900335 A 20180221; RU 2016150953 A 20161223; RU 2018000103 W 20180221