

Title (en)
REINFORCING MESH FOR CONCRETE CONSTRUCTION

Title (de)
BEWEHRUNGSGITTER FÜR DEN BETONBAU

Title (fr)
TREILLIS D'ARMATURE POUR LA CONSTRUCTION EN BÉTON

Publication
EP 3114288 A1 20170111 (DE)

Application
EP 15706831 A 20150227

Priority
• DE 102014102861 A 20140304
• EP 2015054171 W 20150227

Abstract (en)
[origin: WO2015132157A1] The invention relates to a reinforcing mesh for concrete construction having high-performance filament yarns which are arranged in at least one direction to form a first thread layer, and threads which are arranged in at least one second direction, which differs from the at least first direction, to form a second thread layer, wherein the two thread layers are connected via intersection points to form a textile sheet-like structure, and wherein the high-performance filament yarns have deformation portions of which the cross sections have a cross-sectional shape which varies in the axial direction and/or a varying cross-sectional surface. Furthermore, the invention relates to a high-performance filament yarn for concrete construction, wherein the high-performance filament yarn has deformation portions of which the cross sections have a cross-sectional shape which varies in the axial direction and/or a varying cross-sectional surface.

IPC 8 full level
E04C 5/07 (2006.01); **E04C 5/04** (2006.01)

CPC (source: EP)
E04C 5/07 (2013.01)

Citation (search report)
See references of WO 2015132157A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102014102861 A1 20150910; EP 3114288 A1 20170111; EP 3114288 B1 20200429; HR P20201164 T1 20201113;
WO 2015132157 A1 20150911

DOCDB simple family (application)
DE 102014102861 A 20140304; EP 15706831 A 20150227; EP 2015054171 W 20150227; HR P20201164 T 20200727