

Title (en)

STEEL WIRE MESH MADE OF STEEL WIRES HAVING HEXAGONAL LOOPS, PRODUCTION DEVICE, AND PRODUCTION METHOD

Title (de)

STAHLDRACHTGEFLECHT AUS STAHLDRÄHTEN MIT SECHSECKIGEN MASCHEN, HERSTELLUNGSVORRICHTUNG UND HERSTELLUNGSVERFAHREN

Title (fr)

GRILLAGE EN ACIER CONSTITUÉ DE FILS D'ACIER AYANT DES BOUCLES HEXAGONALES, DISPOSITIF DE PRODUCTION ET PROCÉDÉ DE PRODUCTION

Publication

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Application

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Abstract (en)

[origin: WO2022152697A1] The invention proceeds from a steel wire mesh (54a-d), in particular a hexagonal mesh, made of steel wires (10a-d, 12a-d, 14a-d) having hexagonal loops (16a-d), in particular for use in the construction sector, preferably for use in the field of protection from natural hazards, wherein the steel wires (10a-d, 12a-d, 14a-d) are alternately twisted with adjacent steel wires (10a-d, 12a-d, 14a-d), and wherein the steel wires (10a-d, 12a-d, 14a-d) are made of a high-strength steel or at least have a wire core made of high-strength steel. According to the invention, a ratio, in particular an average ratio, of a loop width (18a-d), in particular an average loop width, of the hexagonal loops (16a-d), to a loop height (20a-d), in particular an average loop height, measured perpendicular to the loop width (18a-d), of the hexagonal loops (16a-d), is at least 0.75, preferably at least 0.8. The invention also relates to a production device and to a production method.

IPC 8 full level

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