

Title (en)
GUY CABLE DEFLECTOR

Title (de)
ABLENKVORRICHTUNG FÜR SCHRÄGSEILE

Title (fr)
DEVIATEUR POUR CABLE DE HAUBAN

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Application
EP 99947576 A 19991014

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Abstract (en)
[origin: WO0023654A1] The invention concerns a deflector (7) for guy cable (2) with n separate strands (3), comprising at least a body (14) with two opposite surfaces more or less perpendicular to a longitudinal axis (13) of the body and comprising n passages (8) passing through the body from one of its surface to the other and arranged in a grid system, and wherein each passage (8) has an internal diameter selected so as to define in use a radial clearance just sufficient for one cable (2) strand (3) to pass freely in the passage, the grid system formed by the passages (8) has, on the first of the two opposite surfaces of the body (14), a first mesh dimension (m1) and on the second surface of the body (14) a second mesh dimension (m2) larger than the first mesh dimension, and wherein except for the central passage located on the body (14) longitudinal axis, each passage extends between the first and second body surfaces along a curved path, and the passages (8) which are located at the grid system periphery and which have, among all the passages (8), the curved path with the smallest radius (min. R), have at every point of their path a curvature not greater than a predetermined maximum curvature, and the body (14) is made of a material capable of being formed with thickness levels less than 2 mm and having a compression strength higher than 20 Mpa and a tensile strength higher than 10 Mpa.

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