

Title (en)
MULTILAYER STEEL CABLE FOR A TIRE CARCASS

Title (de)
MEHRLAGIGES STAHLSEIL FÜR DIE KARKASSE EINES LUFTREIFENS

Title (fr)
CABLE D'ACIER MULTICOUCHES POUR CARCASSE DE PNEUMATIQUE

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Application
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Priority

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Abstract (en)
[origin: US6837289B2] A multi-layer cable having an unsaturated outer layer, usable as a reinforcing element for a tire carcass reinforcement, comprising a core of diameter d0 surrounded by an intermediate layer (C1) of four or five wires (M=4 or 5) of diameter d1 wound together in a helix at a pitch p1, this layer C1 itself being surrounded by an outer layer (C2) of N wires of diameter d2 wound together in a helix at a pitch p2, N being less by 1 to 3 than the maximum number Nmax of wires which can be wound in one layer about the layer C1, this cable having the following characteristics (d0, d1, d2, p1 and p2 in mm):The invention furthermore relates to the articles or semi-finished products made of plastics material and/or rubber which are reinforced by such a multi-layer cable, in particular to tires intended for industrial vehicles, more particularly truck tires and their carcass reinforcement plies.

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