

Title (en)
Steel cord construction.

Title (de)
Metallseilherstellung.

Title (fr)
Construction d'un câblé métallique.

Publication
EP 0168857 A1 19860122 (EN)

Application
EP 85200930 A 19850613

Priority
GB 8418509 A 19840720

Abstract (en)
A steel cord for the reinforcement of resilient articles comprises a bundle of four wires twisted together with the same pitch, a first pair 1, 2 of said wires having a substantially similar diameter, a second pair 3, 4 of said wires each having a diameter not greater than the average diameter of the first pair 1, 2, a wire of one pair being adjacent a wire of the other pair along the circumference of the bundle, and in a stretched condition of the cord, the wires of the first pair 1, 2 are tightly twisted together so as to touch along the axis 5 while each wire of the second pair 3, 4 is at a spacing d from the circumferentially adjacent wires of the first pair.

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CPC (source: EP)
D07B 1/062 (2013.01); **D07B 2201/2022** (2013.01); **D07B 2207/205** (2013.01)

Citation (search report)
• [A] GB 2081765 A 19820224 - BRIDGESTONE TIRE CO LTD
• [A] FR 2476548 A1 19810828 - UNIROYAL ENGLEBERT GMBH [DE]
• [A] RESEARCH DISCLOSURE, no. 224, December 1982, no. 22404, Havant, Hampshire, GB: "Bi-diameter construction of steel tire cord"

Cited by
EP0791682A1; US5321941A; US5285623A; EP0342644A3; US6321810B1; US5797257A; US6021633A; WO9104370A1; WO8805624A3; US7975463B2; US6446423B1; US6698179B2; US6829880B2; US7000374B2; US6327843B1

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