

Title (en)

Individually protected strand, its utilisation in construction and method for its manufacture

Title (de)

Individuell geschützte Litze, deren Verwendung in der Bautechnik und Verfahren zu deren Herstellung

Title (fr)

Toron individuellement protégé, son utilisation dans la construction, et procédé de fabrication

Publication

EP 1211350 A1 20020605 (FR)

Application

EP 01403085 A 20011130

Priority

FR 0015670 A 20001204

Abstract (en)

[origin: CA2364595A1] The strand comprises a group of twisted metal wires (2), a plastic sheath (4) and a pliant filling compound (3) which fills internal interstices between the twisted wires of the group and a peripheral interstice lying between the periphery of the group and the inner face of the sheath. This peripheral interstice has, in a cross section of the strand, an area of between $P \times e_{\min}$ and $0.6 \times S_2$, where P is the external perimeter of the group of wires, $e_{\min} = 0.05$ mm and S_2 is the cumulative area of the gaps lying between the periphery of the group and the smallest circle within which the group is inscribed.

Abstract (fr)

Le toron comporte un groupement de brins métalliques torsadés (2), une gaine en matière plastique (4) et un produit souple de remplissage (3) comblant des interstices internes situés entre les brins torsadés du groupement et un interstice périphérique situé entre la périphérie du groupement et la face intérieure de la gaine. Cet interstice périphérique présente, dans une section transversale du toron, une aire comprise entre $P \times e_{\min}$ et $0,6 \times S_2$, où P est le périmètre extérieur du groupement de brins, $e_{\min} = 0,05$ mm et S_2 est l'aire cumulée des interstices compris entre la périphérie du groupement et le plus petit cercle dans lequel s'inscrit le groupement. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR US)

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Citation (applicant)

US 4623504 A 19861118 - SMITH LARRY F [US]

Citation (search report)

- [XA] US 4623504 A 19861118 - SMITH LARRY F [US]
- [A] FR 2579236 A1 19860926 - ELF FRANCE [FR]
- [DA] EP 0323285 A1 19890705 - FREYSSINET INT STUP [FR], et al

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