

Title (en)
ROLLABLE OR FOLDABLE STRUCTURAL MEMBER

Title (de)
AUFROLLBARE ODER FALTBARE STRUKTUR

Title (fr)
ELEMENT STRUCTURAL POUVANT ETRE ENROULE OU PLIE

Publication
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Application
EP 95907929 A 19950124

Priority
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Abstract (en)
[origin: WO9520079A1] A rollable or foldable structural member (11), which in its rolled out or laid out condition can take up support or pressure forces, and which comprises a number of in series arranged support means (12) and at least two flexible pull means (14) which link said support means, and by means of which a pressure force can be applied to the support means for bringing them together and holding them together from a rolled up passive condition to an erect, active condition. A number of channels (15) corresponding to the number of pull means (14) are arranged in the support means (12) and, where applicable, in between these arranged intermediary parts (13), said channels running through said support means and intermediary parts, and being on one hand designed with a shape which is complementary to the cross section of the pull means along the entire length of the support means, on the other hand are arranged at the largest possible distance from and substantially right opposite each other as seen in the bending plane of the structural member. The channels (15) are so dimensioned, that the pull means (14) are freely movable in their longitudinal direction.

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IPC 8 full level
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