

Title (en)  
ROLLABLE OR FOLDABLE STRUCTURAL MEMBER

Title (de)  
AUFROLLBARE ODER FALTBARE STRUKTUR

Title (fr)  
ELEMENT STRUCTURAL POUVANT ETRE ENROULE OU PLIE

Publication  
**EP 0741825 A1 19961113 (EN)**

Application  
**EP 95907929 A 19950124**

Priority  
• SE 9500073 W 19950124  
• SE 9400207 A 19940124

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.

IPC 1-7  
**E04B 1/343**; **E04C 3/38**; **E06C 1/10**; **E06C 1/383**

IPC 8 full level  
**E04C 3/00** (2006.01); **E06B 9/08** (2006.01); **E06C 1/52** (2006.01)

CPC (source: EP)  
**E04C 3/005** (2013.01); **E06B 9/08** (2013.01); **E06C 1/52** (2013.01)

Citation (search report)  
See references of WO 9520079A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI NL PT SE

DOCDB simple family (publication)  
**WO 9520079 A1 19950727**; AT E205905 T1 20011015; AU 1594995 A 19950808; AU 678888 B2 19970612; CA 2181991 A1 19950727; DE 69522796 D1 20011025; DE 69522796 T2 20020529; EP 0741825 A1 19961113; EP 0741825 B1 20010919; NO 305570 B1 19990621; NO 962799 D0 19960703; NO 962799 L 19960719; PL 176159 B1 19990430; PL 315549 A1 19961112; SE 9400207 D0 19940124

DOCDB simple family (application)  
**SE 9500073 W 19950124**; AT 95907929 T 19950124; AU 1594995 A 19950124; CA 2181991 A 19950124; DE 69522796 T 19950124; EP 95907929 A 19950124; NO 962799 A 19960703; PL 31554995 A 19950124; SE 9400207 A 19940124