

Title (en)  
MANUFACTURE OF ELONGATE MEMBERS SUCH AS STRAND AND ROPE

Publication  
**EP 0199461 A3 19870805 (EN)**

Application  
**EP 86302036 A 19860319**

Priority  
GB 8507090 A 19850319

Abstract (en)  
[origin: EP0199461A2] Individual elongate elements (wires 2 or strands 4) are drawn off stationary coils (21) in such a manner that the element (2,4) is elastically twisted. The elements (2,4) are guided to a stationary closing means (23) in which a bundle of the elements is formed, the elements immediately before being formed into the bundle being substantially free from any curvature that will result in residual slackness in the elongate member (1,3) being manufactured. The bundle is withdrawn from the closing means (23) and is simultaneously rotated about its axis so as to form the elongate member (strand 1 or rope 3) and substantially untwist the elongate elements (2,4). The product can be at least 300 m long.

IPC 1-7  
**D07B 3/08**; **D07B 7/02**; **D07B 1/06**

IPC 8 full level  
**D07B 1/06** (2006.01); **D07B 1/16** (2006.01); **D07B 3/08** (2006.01); **D07B 7/02** (2006.01); **E04C 5/08** (2006.01)

CPC (source: EP)  
**D07B 1/0673** (2013.01); **D07B 3/08** (2013.01); **E04C 5/08** (2013.01); **D07B 5/007** (2013.01); **D07B 2201/102** (2013.01); **D07B 2201/1036** (2013.01); **D07B 2201/1044** (2013.01); **D07B 2201/2019** (2013.01); **D07B 2201/2061** (2013.01); **D07B 2205/50** (2013.01)

Citation (search report)  
• [X] DE 2261291 A1 19740627 - WESTFAELISCHE UNION AG  
• [A] FR 1158135 A 19580606  
• [A] US 3383704 A 19680514 - SCHOERNER ROGER J, et al

Cited by  
EP0916762A1; KR100418285B1; EP0916761A1; CN110409204A; EP1870512A4; EP3159296A4; EP1437451A1; BE1015295A3; US10443191B2; WO2013029607A3

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0199461 A2 19861029**; **EP 0199461 A3 19870805**; GB 2174118 A 19861029; GB 2174118 B 19890105; GB 8507090 D0 19850424

DOCDB simple family (application)  
**EP 86302036 A 19860319**; GB 8507090 A 19850319