

Title (en)  
APPARATUS FOR STRANDING WIRES

Publication  
**EP 0031081 B1 19840321 (EN)**

Application  
**EP 80107780 A 19801210**

Priority  
CA 342240 A 19791219

Abstract (en)  
[origin: EP0031081A1] Wire stranding apparatus for giving a periodic reverse twisting operation, in which a rotationally flexible elongate member, preferably a rod (10), carries wire guiding elements (12) extending radially outwardly from it. Each element has guide holes (14) for wires (16) as they are passed along the rod. Stranding is done by holding an upstream end of the rod stationary and while the wires are moved along guide paths, the downstream end of the rod is rotated for a predetermined number of revolutions about its axis alternately in one direction and then the other. Wires are thus stranded in alternating directions.

IPC 1-7  
**H01B 13/02; D07B 5/00**

IPC 8 full level  
**D07B 3/00** (2006.01); **H01B 13/02** (2006.01)

CPC (source: EP)  
**H01B 13/0235** (2013.01)

Cited by  
AT401533B; CN109184315A; EP0582802A1; CN110556217A; AT478U1; AT404265B; EP0756290A1; FR2737337A1; US5699660A

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

DOCDB simple family (publication)  
**EP 0031081 A1 19810701; EP 0031081 B1 19840321**; CA 1113806 A 19811208; DE 3067210 D1 19840426; ES 497885 A0 19810916; ES 8106976 A1 19810916; FI 70653 B 19860606; FI 70653 C 19860924; FI 803958 L 19810620; JP H0158602 B2 19891212; JP S5699912 A 19810811

DOCDB simple family (application)  
**EP 80107780 A 19801210**; CA 342240 A 19791219; DE 3067210 T 19801210; ES 497885 A 19801218; FI 803958 A 19801218; JP 17914480 A 19801219