

Title (en)
Planetary 'SZ' twist accumulator.

Title (de)
Planetenspeicher mit "SZ"-Drall.

Title (fr)
Accumulateur planétaire à torsion "SZ".

Publication
EP 0048130 A2 19820324 (EN)

Application
EP 81304121 A 19810909

Priority
CA 360240 A 19800915

Abstract (en)
An accumulator for twisting or stranding cable having planet gears (20) revolving around a sun gear (22). Each planet gear carries an accumulator roll (17) in a position spaced from the planet gear axis so that during rotation of the gears each accumulator roll travels alternately towards and away from the axis of the sun gear. The accumulator rolls move in synchronism and thus the accumulator capacity which is dictated by the distance between accumulator rolls, changes between maximum and minimum capacities dependent upon the accumulator roll movement. With two accumulators in series and operating with the accumulator rolls of one accumulator out of phase with the other by 180 DEG , an 'SZ' twist is provided.

IPC 1-7
H01B 13/02

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

CPC (source: EP)
H01B 13/0242 (2013.01)

Cited by
CN104930068A; CN115385171A; AU683932B2; US5758483A; US5727375A; CN112614629A; WO9508175A1; WO9508012A1; KR100352244B1

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

DOCDB simple family (publication)
EP 0048130 A2 19820324; EP 0048130 A3 19821229; EP 0048130 B1 19850605; CA 1123279 A 19820511; DE 3170854 D1 19850711; ES 505503 A0 19820601; ES 8205328 A1 19820601; FI 71627 B 19861010; FI 71627 C 19870119; FI 812856 L 19820316; JP S5782592 A 19820524

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EP 81304121 A 19810909; CA 360240 A 19800915; DE 3170854 T 19810909; ES 505503 A 19810915; FI 812856 A 19810914; JP 14538281 A 19810914