

Title (en)

Pulley array for supporting and guiding a support/haulage cable and mechanical ascending system with such a pulley array

Title (de)

Rollenbatterie zur Abstützung und Führung eines Trag-/Zugseils und mechanische Aufstiegsanlage mit solch einer Rollenbatterie

Title (fr)

Balancier à galets pour l'appui et le guidage d'un câble aérien porteur-tracteur, et installation de remontée mécanique comportant un tel balancier

Publication

EP 1918171 B1 20090513 (FR)

Application

EP 06354034 A 20061030

Priority

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Abstract (en)

[origin: EP1918171A1] The device (10) has rollers (G1-G8) assembled at ends of primary balancers (13a-13d) which are articulated by connecting axles (15a-15d) at secondary balancers (16a, 16b). The axles (15a-15d, 17a, 17b) are shifted with respect corresponding balancers, so that ratios of lever arms in a balance state with a tensioned cable cause a non-uniform angular deflection of the rollers. The deflection of the rollers is progressive at an input and degressive towards an output to obtain a preset trajectory of a mechanic ascending support/haulage cable (11) during its progression on the rollers.

IPC 8 full level

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CPC (source: EP)

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