

Title (en)

Crane with boom and raceway for cable roller assemblies

Title (de)

Kran mit Ausleger und Laufbahn für den Leitungswagen

Title (fr)

Grue dotée d'un bras et d'une bande de déroulement pour les chariots porte câbles

Publication

EP 1840072 B1 20100922 (DE)

Application

EP 07004412 A 20070303

Priority

DE 102006015430 A 20060331

Abstract (en)

[origin: EP1840072A2] The crane has a boom (2), which is arranged at a fixed raceway and a movable raceway (5) for a cable roller assembly (9). The two raceways are arranged and engaged into each other in a form-fit manner. The fixed and movable raceways are connected with the crane and the boom, respectively. The movable raceway is suspended by a groove-spring connection, which carries weight of the movable raceway and the cable roller assembly. A spring (6) is arranged between the movable raceway and the boom, where the two raceways are separated along a movement direction of the cable roller assembly.

IPC 8 full level

B66C 7/06 (2006.01); **B66C 19/00** (2006.01); **E01B 25/24** (2006.01)

CPC (source: EP KR US)

B66C 7/00 (2013.01 - KR); **B66C 7/06** (2013.01 - EP US); **B66C 7/14** (2013.01 - KR); **B66C 17/00** (2013.01 - KR); **B66C 19/002** (2013.01 - EP US); **Y10S 414/131** (2013.01 - EP US)

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