

Title (en)  
Crane with a telescopic tower.

Title (de)  
Kran mit teleskopierbarem Turm.

Title (fr)  
Grue à tour télescopique.

Publication  
**EP 0624542 A3 19950118 (DE)**

Application  
**EP 94103298 A 19940304**

Priority  
DE 4315960 A 19930512

Abstract (en)  
[origin: EP0624542A2] The inner telescopically extendable section of a crane with a telescopic tower fastened to a revolving superstructure or the rotating deck of a portal is connected to a jib in an articulated manner. The jib consists of an inner jib articulation piece, a jib centre piece and an outer jib extension and is stayed relative to a fixed point on the revolving superstructure or rotating deck by stay ropes which run over stay supports. In order to shorten and simplify the erection and dismantling of the crane, the jib articulation piece is connected to the jib centre piece about a transverse axis located in the area of the top chords, and the jib centre piece is connected to the jib extension about a transverse axis located in the area of the bottom chords. A centre stay support which is articulated in the outer end area of the jib articulation piece and from which the stay rope of the jib extension runs to a fixed point on the jib extension can be pivoted in the direction of the jib articulation piece by an auxiliary winch. <IMAGE>

IPC 1-7  
**B66C 23/34**

IPC 8 full level  
**B66C 23/34** (2006.01)

CPC (source: EP)  
**B66C 23/342** (2013.01)

Citation (search report)  
• [A] DE 3245262 A1 19840614 - KOTAX GMBH [DE]  
• [A] DE 3303524 A1 19840809 - KOENIG WILHELM  
• [PA] DE 4210483 C1 19930916  
• [A] FR 2550176 A1 19850208 - POTAIN SA [FR]

Cited by  
CN102320526A; EP1084982A1; EP1225152A1; EP0941958A1; EP3995433A1; ES2910102A1; US6655539B2

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