

Title (en)  
MOBILE REACH TOWER CRANE

Title (de)  
MOBILER TURMKRAN

Title (fr)  
GRUE DISTRIBUTRICE A TOUR A PORTEE MOBILE

Publication  
**EP 0731054 A4 19970528 (EN)**

Application  
**EP 95900915 A 19941118**

Priority  
• JP 9401948 W 19941118  
• JP 31921093 A 19931126

Abstract (en)  
[origin: WO9514632A1] A mobile reach tower crane which can perform a tower crane operation as well as a normal crane operation to thereby provide versatility and which can secure the safety during operation by setting various limits for respective operation modes. To this end, a main hook (21) is provided on the base boom (61) of a second boom (6), and an auxiliary hook (22) is provided on the distal boom of the second boom (6). In addition, it is possible to select between an operation mode B in which the main hook (21) is used and an operation mode A in which the auxiliary hook (22) is used, and boom hoisting angle limit, length limit, rated load and boom slewing speed limit may be set for respective operation modes.

IPC 1-7  
**B66C 23/42**; **B66C 23/90**; **B66C 23/94**

IPC 8 full level  
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CPC (source: EP KR)  
**B66C 23/42** (2013.01 - EP KR); **B66C 23/54** (2013.01 - EP); **B66C 23/701** (2013.01 - KR); **B66C 23/702** (2013.01 - EP);  
**B66C 23/86** (2013.01 - EP); **B66C 23/90** (2013.01 - KR); **B66C 23/905** (2013.01 - EP); **B66C 23/94** (2013.01 - KR);  
**B66C 2700/0364** (2013.01 - KR)

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• [A] DE 3341287 A1 19840607 - KRUEGER GMBH & CO KG [DE]  
• [PA] EP 0614845 A2 19940914 - KATO SEISAKUSHO KK [JP]  
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• [A] FR 2600316 A1 19871224 - FISKARS AB OY [FI]  
• See references of WO 9514632A1

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