

Title (en)  
Swivel crane

Title (de)  
Säulenschwenkkran

Title (fr)  
Grue pivotante

Publication  
**EP 1460024 B1 20070418 (DE)**

Application  
**EP 04003777 A 20040219**

Priority  
DE 10312653 A 20030321

Abstract (en)  
[origin: EP1460024A1] A davit rests on a concrete foundation (14). The davit has an upright column (1) with a small first circular base ring (4) that is bolted (5, 6) on top of a second much larger base ring (7). The large ring (7) outer margin rests on a third spacer ring (8) forming a void under the second ring. The spacer ring has a link passage between the outer margin and the void.

IPC 8 full level  
**B66C 23/02** (2006.01); **B66C 23/20** (2006.01); **E04H 12/22** (2006.01)

CPC (source: EP)  
**B66C 23/025** (2013.01); **B66C 23/027** (2013.01); **E04H 12/2261** (2013.01)

Cited by  
EP2269939A1; CN102345407A; CN105883638A; CN105016221A; CN104986669A; EP3700033A1; DE202018103318U1; DE202009009241U1

Designated contracting state (EPC)  
BE DE FR NL

DOCDB simple family (publication)  
**EP 1460024 A1 20040922; EP 1460024 B1 20070418**; DE 10312653 A1 20040930; DE 502004003510 D1 20070531

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