

Title (en)
Telescopic mast for a tower crane

Title (de)
Teleskopmast für einen Turmkran

Title (fr)
Mâture télescopique pour grue à tour

Publication
EP 0855361 B1 20020814 (FR)

Application
EP 97420237 A 19971219

Priority
FR 9616159 A 19961223

Abstract (en)
[origin: EP0855361A1] The mast (7,8,9), which can rotate on its base about an axis (3), supports a normal jib (10) and counter weights (4). Each mast element has slipper surfaces disposed at 2 , 4, 8 and 10 o'clock on the flat outside and inside faces of the mast as seen in plan view. At the 12 and 6 o'clock positions, which are aligned with the jib of the crane, are mechanisms providing positive locking between the extended mast elements. As the mast is extended or shortened, the slippers on the sections being suitably coated allow smooth movement.

IPC 1-7
B66C 23/34

IPC 8 full level
B66C 23/16 (2006.01); **B66C 23/26** (2006.01); **B66C 23/34** (2006.01); **B66C 23/62** (2006.01); **B66C 23/687** (2006.01); **B66C 23/697** (2006.01)

CPC (source: EP)
B66C 23/342 (2013.01); **B66C 23/346** (2013.01)

Cited by
EP3184480A1; EP3184482A1; US6439408B1; DE202013000277U1; CN103922229A; FR3046150A1; CN106927374A; FR3046151A1; CN106904542A; EP3184481A1; US10577228B2

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FR 2757497 A1 19980626; **FR 2757497 B1 19990212**; BR 9706416 A 19990629; DE 69714696 D1 20020919; DE 69714696 T2 20030508; EP 0855361 A1 19980729; EP 0855361 B1 20020814; ES 2180910 T3 20030216; JP H10218562 A 19980818; RU 2189935 C2 20020927

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