

Title (en)
Multiple function crane with telescope jib

Title (de)
Multifunktionskran mit einem Teleskopausleger

Title (fr)
Grue avec flèche à fonctions multiples

Publication
EP 1048605 B1 20040218 (FR)

Application
EP 00420078 A 20000419

Priority
FR 9905408 A 19990423

Abstract (en)
[origin: EP1048605A1] Jib (7) comprises successive jib elements : jib foot (14), jib intermediate (15), and jib spike (16). Motorized mechanism, comprising jack (19) and link mechanism (20), links upper pylon (9) to jib foot for controlling rotation of jib foot relative to upper pylon. Jib intermediate comprises first short section (22), motorized using jack (25) and link mechanism (26); and second long sec (23), motorized using jack mechanism (28). Jib spike is motorized using jack (30) and link mechanism (31).

IPC 1-7
B66C 23/34; **B66F 11/04**; **B66C 13/54**

IPC 8 full level
B66C 23/42 (2006.01); **B66C 13/54** (2006.01); **B66C 23/34** (2006.01); **B66C 23/68** (2006.01); **B66F 11/04** (2006.01)

CPC (source: EP US)
B66C 13/54 (2013.01 - EP US); **B66C 23/34** (2013.01 - EP US); **B66F 11/046** (2013.01 - EP US)

Cited by
CN105271022A; ITMI20131510A1; EP2865842A1; DE102007007646A1; US9803423B2

Designated contracting state (EPC)
BE DE ES IT

DOCDB simple family (publication)
EP 1048605 A1 20001102; **EP 1048605 B1 20040218**; DE 60008307 D1 20040325; DE 60008307 T2 20041202; ES 2213556 T3 20040901; FR 2792627 A1 20001027; FR 2792627 B1 20010601; JP 2000318977 A 20001121; RU 2271330 C2 20060310; US 6439408 B1 20020827

DOCDB simple family (application)
EP 00420078 A 20000419; DE 60008307 T 20000419; ES 00420078 T 20000419; FR 9905408 A 19990423; JP 2000121396 A 20000421; RU 2000110327 A 20000421; US 55006800 A 20000414