

Title (en)

Telescopic boom

Title (de)

Teleskopausleger

Title (fr)

Flèche télescopique

Publication

EP 1293471 B1 20050525 (DE)

Application

EP 02090290 A 20020815

Priority

DE 10142847 A 20010829

Abstract (en)

[origin: DE10142847C1] The telescopic extension has an outer casing enclosing one or more inner casings, fitting coaxially within one another and extended in succession via a hydraulic 2-stage piston/cylinder system (10), fixed to the outer casing at one axial end and coupled to each inner casing via a securing and locking device (8,9). The piston/cylinder system has an outer cylinder (11) and an independently operated inner cylinder (12) acting as the piston of the outer cylinder, the outer cylinder and a piston rod (13) within the inner cylinder providing the extensible parts of the piston/cylinder system.

IPC 1-7

B66C 23/693; F15B 15/16

IPC 8 full level

B66C 23/693 (2006.01); **B66C 23/70** (2006.01); **F15B 15/16** (2006.01)

CPC (source: EP)

B66C 23/705 (2013.01)

Cited by

US9085443B2

Designated contracting state (EPC)

AT CH DE FR LI

DOCDB simple family (publication)

EP 1293471 A1 20030319; **EP 1293471 B1 20050525**; AT E296257 T1 20050615; DE 10142847 C1 20021121; DE 50203183 D1 20050630

DOCDB simple family (application)

EP 02090290 A 20020815; AT 02090290 T 20020815; DE 10142847 A 20010829; DE 50203183 T 20020815