

Title (en)
Telescopic boom

Title (de)
Teleskopischer Ausleger

Title (fr)
Poutre télescopique

Publication
EP 2096075 A1 20090902 (EN)

Application
EP 08152042 A 20080228

Priority
EP 08152042 A 20080228

Abstract (en)
A boom (1') comprising at least three telescopic boom sections, a first transmission member (10) and a second transmission member (20). The respective transmission member is arranged inside the boom sections and has a first point fixed in relation to an inner boom section and a second point fixed in relation to an outer boom section. A first pulley (13) is arranged to act on the first transmission member so as to displace the outer boom section outwards in relation to an intermediate boom section when the intermediate boom section is displaced outwards in relation to the inner boom section under the effect of an actuating member (6). A second pulley (23) is arranged to act on the second transmission member so as to displace the outer boom section inwards in relation to the intermediate boom section when the intermediate boom section is displaced inwards in relation to the inner boom section under the effect of the actuating member.

IPC 8 full level
B66C 23/70 (2006.01)

CPC (source: EP)
B66C 23/703 (2013.01); **B66C 23/705** (2013.01)

Citation (applicant)
• US 4193505 A 19800318 - ELIASSON HANS [SE], et al
• FR 2708584 A1 19950210 - PPM [FR]

Citation (search report)
• [XY] JP 2001130871 A 20010515 - AICHI CORP KK
• [YA] JP H1111891 A 19990119 - AICHI CORP KK
• [X] US 4258853 A 19810331 - GILL STEPHEN H, et al
• [X] JP 2002128470 A 20020509 - FURUKAWA CO LTD
• [X] US 5060427 A 19911029 - BERNABE JR VINCENT [US]
• [XA] DE 2854034 A1 19800703 - PORSCHE AG
• [A] JP H11335079 A 19991207 - AICHI CORP KK
• [DA] US 4193505 A 19800318 - ELIASSON HANS [SE], et al
• [DA] FR 2708584 A1 19950210 - PPM [FR]

Cited by
CN104008254A; ITCO20100061A1; WO2024016040A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2096075 A1 20090902

DOCDB simple family (application)
EP 08152042 A 20080228