

Title (en)

Telescopic jib for mobile cranes or the like.

Title (de)

Teleskopausleger für Fahrzeugkrane o. dgl.

Title (fr)

Flèche télescopique pour grues mobiles ou analogues.

Publication

EP 0583552 B1 19950830 (DE)

Application

EP 93107395 A 19930506

Priority

DE 9210902 U 19920814

Abstract (en)

[origin: EP0583552A1] A telescopic jib for cranes, preferably mobile cranes, consists of an outer articulation piece which is pivotably mounted on the vehicle or its superstructure and in which several telescopically retractable and extendable telescopic sections (Tele I, Tele II, Tele III, Tele IV) are held. Each section is provided with bearings for the section guided in it and can be locked to this section. A hydraulic pressure-medium piston/cylinder unit is provided for the extension and retraction of the individual sections. To provide sections which are simple to manufacture at high flexural strength, the articulation piece and the sections (Tele I, Tele II, Tele III, Tele IV) consist of profiles forming shells, of which each, in the horizontal position swung onto the vehicle, has a bottom, roughly round part (H1XBu) and a top, half-box-shaped part (H2XBo) whose legs directed towards one another are welded to one another. Each shell with a roughly round profile consists of strips (B4, B5, B6) folded relative to one another, of which successive strips in each case enclose obtuse angles (W1, W2, W3) with one another. <IMAGE>

IPC 1-7

B66C 23/70

IPC 8 full level

B66C 23/693 (2006.01); **B66C 23/70** (2006.01)

CPC (source: EP)

B66C 23/705 (2013.01); **B66C 23/707** (2013.01); **B66C 23/708** (2013.01)

Cited by

EP2078693A1; RU175228U1; CN1073047C; RU2472695C2; AU2008295425B2; CN102459922A; EP2258953A3; DE19711975A1; US6098824A; DE19711975B4; DE19608210C1; US5829606A; CN1083394C; US2013020274A1; US9290363B2; US7878349B2; WO2009029965A1; WO2009029967A1; WO2009029968A1; WO2021257003A1

Designated contracting state (EPC)

AT BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0583552 A1 19940223; **EP 0583552 B1 19950830**; AT E127096 T1 19950915; BE 1005624 A7 19931123; DE 59300531 D1 19951005; DE 9210902 U1 19921224

DOCDB simple family (application)

EP 93107395 A 19930506; AT 93107395 T 19930506; BE 9300336 A 19930405; DE 59300531 T 19930506; DE 9210902 U 19920814