

Title (en)
TELESCOPIC CRANE BOOM SECTION, TELESCOPICALLY EXTENSIBLE CRANE BOOM AND HYDRAULIC CRANE

Title (de)
TELESKOPISCHE KRANAUSLEGERABSCHNITT, TELESKOPISCH AUSFAHRBARER KRANAUSLEGER UND HYDRAULIKKRAN

Title (fr)
SECTION DE FLÈCHE DE GRUE TÉLESCOPIQUE, FLÈCHE DE GRUE TÉLESCOPIQUEMENT EXTENSIBLE ET GRUE HYDRAULIQUE

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Application
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Abstract (en)
A telescopic crane boom section having an elongated main body in the form of a straight tubular beam (30), which is formed by one single bent metal sheet and consists of wall portions (W1-W12) connected to each other via bending corners (33), wherein:- a neutral layer (37) of the tubular beam extends across lateral wall portions (W1, W2) on either side of a vertical plane of symmetry (36) of the tubular beam;- the tubular beam has planar upper and lower wall portions (W3, W8), which are perpendicular to the vertical plane of symmetry and connected to each one of said lateral wall portions via intermediate wall portions; and- opposite longitudinal edges of the metal sheet are joined to each other by a welding joint (35) located at an upper or lower edge of one of said lateral wall portions. The invention also relates to a crane boom and a crane comprising such a crane boom section.

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CPC (source: AT EP)
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Citation (applicant)
CA 2697304 A1 20090312 - PALFINGER AG [AT]

Citation (search report)

- [Y] EP 1302435 A1 20030416 - EFFER S P A [IT]
- [Y] CN 108033369 A 20180515 - TAIYUAN HEAVY IND CO LTD
- [A] EP 2363214 A1 20110907 - FERRO UMFORMTECHNIK GMBH & CO KG [DE]
- [AD] CA 2697304 A1 20090312 - PALFINGER AG [AT]
- [A] US 6098824 A 20000808 - KREBS THOMAS [DE], et al

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