

Title (en)
TELESCOPIC BOOM OF HIGH EFFICIENCY FOR CRANES

Title (de)
LEISTUNGSSTARKER TELESKOPPAUSLEGER FÜR KRANE

Title (fr)
FLÈCHE TÉLESCOPIQUE POUR GRUES DE GRANDE EFFICACITÉ

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Application
EP 13803307 A 20131104

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Abstract (en)
[origin: WO2014077791A1] The present invention relates to a boom structure and boom profile section for telescopic boom cranes. It comprises a main boom body (1) having two upper parts (1.1, 1.2) and one lower part (1.3), a first telescopic boom body (2) having one upper part (2.1) and two lower parts (2.2, 2.3), a second telescopic boom body (3) having two upper parts (3.1, 3.2) and two lower parts (3.3, 3.4), a third telescopic boom body (4) having one upper part (4.1) and two lower parts (4.2, 4.3), a fourth telescopic boom body (5) having two upper parts (5.1, 5.2) and two lower parts (5.3, 5.4), and a fifth boom body (6) having two upper parts (6.1, 6.2) and one lower part (6.3). Said parts are of different thickness to achieve a boom structure and boom profile section having a high efficiency and high mechanic resistance.

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