

Title (en)

COMPOSITE TELESCOPIC CRANE ARM WITH METAL GUIDE BLOCKS AND CRANE COMPRISING SAID ARM

Title (de)

TELESKOP-KRANARM AUS FASERVERBUNDWERKSTOFF MIT METALLFÜHRUNGSBLÖCKEN UND KRAN MIT DEM KRANARM

Title (fr)

BRAS TÉLESCOPIQUE COMPOSITE POUR GRUES AVEC LES BLOCS DE GUIDAGE MÉTALLIQUES ET LA GRUE COMPRENANT LEDIT BRAS

Publication

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Application

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Priority

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- IB 2012000964 W 20120517

Abstract (en)

[origin: WO2013050838A1] A telescopic arm for cranes able to lift a load comprises a plurality of tubular segments (12, 14, 16) which can be extended with respect to each other. At least one of said segments (12, 14, 16) is made of a composite material. The arm comprises longitudinal guide means (45) disposed between said at least one segment (12, 14, 16) and at least another segment (12, 14, 16) associated consecutively and cooperating directly in extension, outside or inside, of said at least one segment (12, 14, 16), the guide means (45) being at least partly drowned in the composite material in corresponding internal surfaces (37) of said at least one segment (12, 14, 16) and external surfaces (36, 38) of said other segment (12, 14, 16) to guide the reciprocal sliding thereof.

IPC 8 full level

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