

Title (en)
Telescopic mast for an overhead travelling crane.

Title (de)
Teleskopsäule für Laufkräne.

Title (fr)
Mât télescopique pour ponts roulants.

Publication
EP 0277078 A1 19880803 (FR)

Application
EP 88420016 A 19880120

Priority
FR 8700745 A 19870120

Abstract (en)
1. Telescopic mast, in particular for overhead travelling cranes, of the type comprising several shafts having a polygonal section (7, 8, 9, 10), one (7) of which is fixed while the others slide by way of main (20) and auxiliary (14, 16) cables passing around pulleys (21 and 15, 17 respectively), the sides of a shaft carrying means (18, 19) for guiding the adjacent shaft, characterized in that the pulleys (15, 17) for the passage of the auxiliary cables (14, 16) are situated on three nonadjacent faces of the shafts and with a regular angular distribution relative to the geometrical axis of these shafts, and in that the means (18, 19) for guiding the latter are arranged on three other non-adjacent faces.

Abstract (fr)
Ses fûts (7, 8, 9, 10) comportent chacun une section transversale à section hexagonale afin de déterminer des cloisons latérales dont la face extérieure de trois d'entre elles réparties angulairement de manière régulière soutient un guidage (18) coopérant avec des galets (19) portés par la face intérieure de la cloison correspondante du fût qui l'entoure dont les autres cloisons latérales portent sur leurs faces intérieures des poulies (15-17) pour le passage des câbles auxiliaires (14, 16). Des câbles principaux (20) assurent le contrôle du déploiement des fûts et de leur contraction.

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B66F 11/04

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
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