

Title (en)

Telescopic mast enabling maintenance of position and manoeuvring of a basket or a working platform, the displacements of which are controlled by a travelling crane.

Title (de)

Ein die Lageeinhaltung und das Manövrieren eines Fahrkorbs oder einer Arbeitsplattform erlaubender teleskopischer Mast dessen Verlagerungen von einem Laufkran gesteuert werden.

Title (fr)

Mât télescopique permettant d'assurer le maintien et les manoeuvres d'une nacelle ou plateforme de travail dont les déplacements sont commandés par un pont roulant.

Publication

EP 0346246 A1 19891213 (FR)

Application

EP 89420170 A 19890516

Priority

FR 8808040 A 19880610

Abstract (en)

The mast consists of three coaxial basic shafts (4,5,6). It is characterised in that: - the three basic shafts (4,5,6) are mounted so as to slide relative to one another such that the upper fixed shaft (4) is arranged inside the intermediate shaft (5), the latter being itself surrounded by the end basket-carrying shaft (6); - the control of the end basket-carrying shaft (6) is obtained by one or more main cables controlled by a lifting gear mounted on the support carriage (2); - the proportional raising of the intermediate shaft (5) and of the end shaft (6) is obtained by means of auxiliary cables and appropriate pulleys (17) associated with the intermediate shaft (5) and with the fixed shaft (4); - a unit forming a counterweight (16) is guided inside the inner fixed shaft and partly balances the moveable unit, this counterweight having a mass greater than that of the intermediate shaft (5).
<IMAGE>

IPC 1-7

B66F 11/04

IPC 8 full level

B66F 11/04 (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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