

Title (en)
ENVELOPING BODY

Title (de)
HÜLLKÖRPER

Title (fr)
CORPS ENVELOPPANT

Publication
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Application
EP 00949456 A 20000804

Priority
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Abstract (en)
[origin: US6928774B1] The invention relates to a covering body for masts of construction cranes, electricity lines, or the like with an outer covering which is designed to partially or totally encase a mast in the direction of extension and/or peripheral direction and which furthermore has at least one rigid inner support, with which the outer covering can be arranged to be spaced at least partially at a distance from the mast. Finally, a fastening device for fastening the inner support to the mast is provided. Such a covering body according to the invention is further developed in that the inner support, by means of the fastening device, can be connected to the mast rotatably adjustable in the peripheral direction and/or adjustable in the direction of extension and that a device for active and/or passive variation of position and/or geometry of the outer covering is provided. A basic concept of the invention is not to make the covering body rigid, but to connect it to the mast so it can move, whereby it can react flexibly to differing loadings by the wind forces. As a result, the application of even covering bodies having large spatial dimensions is possible on free-standing masts.

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Cited by
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US 6928774 B1 20050816; AT E267437 T1 20040615; AU 6280500 A 20010326; CA 2383437 A1 20010308; CA 2383437 C 20070710; DE 29915269 U1 19991125; DE 50006538 D1 20040624; DK 1352381 T3 20040927; EP 1352381 A1 20031015; EP 1352381 B1 20040519; ES 2221854 T3 20050116; HK 1061463 A1 20040917; JP 2003508802 A 20030304; PT 1352381 E 20041029; WO 0116926 A1 20010308

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