

Title (en)
HOISTING WINCH ASSEMBLY

Title (de)
HUBWINDENANORDNUNG

Title (fr)
SYSTÈME DE TREUIL DE LEVAGE

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Application
EP 16736791 A 20160622

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Abstract (en)
[origin: WO2017005342A1] The invention relates to a hoisting winch assembly (1) comprising at least two preferably axially parallel drums (2) which are arranged axially at a distance from one another and can be driven synchronously with one another by two motors (3) via a gearing assembly. The invention also relates to a crane, in particular a portal and/or container crane, comprising a hoisting winch assembly (1) of this type. According to the invention, the gearing assembly has at least two separate gear trains (4; 5), such that each motor (3) is drivingly connected to a respective drum via an individual gear train. In this way, in comparison to a common gearing, to which both motors are connected, the separate gear trains can have a significantly lighter and smaller design, given that the accumulated output of both motors no longer needs to be transmitted, rather only the output of one motor. Nevertheless, overall, high hoisting capacities can be produced, given that each motor only needs to drive one drum.

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