

Title (en)
SHAFT HOISTING PLANT HAVING AN OVERWIND BRAKE DEVICE

Title (de)
SCHACHTFÖRDERANLAGE MIT ÜBERTREIB-ABBREMSEINRICHTUNG

Title (fr)
INSTALLATION D'EXTRACTION PAR PUITS POURVUE DE DISPOSITIF DE FREINAGE À SURPASSEMENT

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Application
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Abstract (en)
[origin: CA3006788A1] The invention relates to a shaft hoisting plant having a winding means (2) and an overwind brake device (1) for the winding means, a travel path, extending in a longitudinal direction, for the winding means, and an overwind path adjoining a lower and/or upper end of the travel path. The overwind brake device (1) comprises - retaining elements which are arranged in pairs in a manner spaced apart from one another, said retaining elements being embodied as retaining bars (6.1, 6.2) and extending in a longitudinal direction (4), - energy-absorbing material arranged in the form of plates (8) between the retaining bars (6.1, 6.2), - wherein the plates (8) are arranged one above another in the longitudinal direction between the retaining bars (6.1, 6.2), - a plough (9) which is arranged so as to be movable relative to the retaining elements such that, upon overwinding of the winding means (2), the plough deforms and/or destroys the energy-absorbing material between the retaining elements, - wherein either the plough is arranged in a movable manner and the retaining elements are arranged in a stationary manner on the overwind path or the plough is arranged in a stationary manner on the overwind path and the retaining elements are arranged in a movable manner.

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