

Title (en)
REMOTE-OPERATED TROLLEY FOR INSPECTION AND INTERVENTION FOR A LIVE ELECTRICAL POWER GRID IN OPERATION AND ICE REMOVING EQUIPMENT

Title (de)
FERNGESTEUERTE WAGEN ZUR INSPEKTION EINES UNTER SPANNUNG STEHENDEN ELEKTRISCHEN NETZES SOWIE ZUM EINGRIFF IN SELBIGES UND ENTEISUNGSVORRICHTUNG

Title (fr)
CHARIOT TELEOPEREE D'INSPECTION ET D'INTERVENTION POUR RESEAU ELECTRIQUE SOUS TENSION ET OUTIL DE DEGLACAGE

Publication
EP 1258067 A1 20021120 (FR)

Application
EP 01909365 A 20010220

Priority
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• CA 2299662 A 20000222

Abstract (en)
[origin: WO0163715A1] The invention concerns a trolley designed to be used on a live power line. The trolley is equipped with three coplanar traction wheels spaced apart along a first longitudinal axis parallel to the live power line and thereabove. The trolley is also equipped with two coplanar pressure wheels spaced apart along a second longitudinal axis parallel to the line and thereabove. The trolley further comprises a traction motor for powering the traction wheels. Finally, the trolley includes a pressure system for maintaining the line pressed between the pressure wheels and the traction wheels, and a control system for controlling the motor. Said trolley has enhanced tractive power. Thus in operation, the trolley is driven along the line whatever the dimension thereof and/or climatic conditions. The invention also concerns a ice removing equipment mounted on the trolley for use on the live power line. The ice removing equipment comprises a clamp band adapted to be opened and closed around the live power line. The clamp band bears blades concentrically spaced and arranged to form a cone opening in the forward moving direction of the trolley.

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H02G 1/02

IPC 8 full level
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