

Title (en)

DEVICE FOR CONVERTING KINETIC ENERGY FROM A FALLING FLOW OF MATERIAL INTO ELECTRICAL ENERGY

Title (de)

VORRICHTUNG ZUR UMWANDLUNG VON KINETISCHER ENERGIE AUS EINEM FALLENDEN MATERIALSTROM IN ELEKTRISCHE ENERGIE

Title (fr)

DISPOSITIF POUR CONVERTIR DE L'ÉNERGIE CINÉTIQUE DE LA CHUTE D'UN FLUX DE MATÉRIAU EN ÉNERGIE ÉLECTRIQUE

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Application

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Abstract (en)

[origin: WO2012055773A1] The invention relates to a device for converting the kinetic energy from a flow of material falling from a high point (H) to a low point (B) into electrical energy, using: a wheel (R) comprising blades (P) positioned in the flow of the falling material, and at least one alternator coupled to the axle of the wheel. The device is characterized in that it comprises means for adjusting the position of the wheel in space. The present invention also relates to a conveyor belt associated with such a device.

IPC 8 full level

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