

Title (en)

Velocity and acceleration monitoring device with electronically actuated servo-start for use in conveyor devices

Title (de)

Geschwindigkeits- und Beschleunigungsüberwachungseinheit mit elektronisch angesteuerter Servoauslösung zum Einsatz für Fördermittel

Title (fr)

Unité de surveillance de la vitesse et de l'accélération dotée d'un déclenchement assisté électroniquement destiné à l'utilisation pour organe convoyeur

Publication

EP 1995203 B1 20100127 (DE)

Application

EP 07010383 A 20070524

Priority

EP 07010383 A 20070524

Abstract (en)

[origin: EP1995203A1] The trigger system rotary speed sensor, preferably operates without mechanical contact. It produces a signal which is evaluated in coupled electronics. The system also includes an electronically-controlled auxiliary coupling (H). When triggered, this brings a brake jaw into contact with a rotor (7) of the speed limiter. This causes the brake jaw unit (12) to pivot and rest against the rotor (7) such that self-intensification of the braking force results. As a result, the rope pulley (4a, 4b) is braked.

IPC 8 full level

B66B 5/06 (2006.01)

CPC (source: EP)

B66B 5/06 (2013.01)

Cited by

CN114992222A; CN113816235A; CN115362114A; CN110219905A; CN111824891A; US9546074B2

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DOCDB simple family (publication)

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