

Title (en)

SPEED MONITORING METHOD IN AN AUTOMATION SYSTEM FOR A CONVEYOR INSTALLATION

Title (de)

GESCHWINDIGKEITSÜBERWACHUNGSVERFAHREN IN EINEM AUTOMATISIERUNGSSYSTEM FÜR EINE FÖRDERANLAGE

Title (fr)

PROCEDE DE SURVEILLANCE DE LA VITESSE DANS UN SYSTEME AUTOMATISE POUR UN DISPOSITIF D'EXTRACTION

Publication

**EP 1819622 A1 20070822 (DE)**

Application

**EP 05817038 A 20051201**

Priority

- EP 2005056367 W 20051201
- DE 102004058756 A 20041206

Abstract (en)

[origin: WO2006061346A1] The invention relates to a speed monitoring method in an automation system (4) for a conveyor installation (2), particularly for a pit. A speed monitoring method is provided that eliminates the need for detection elements for determining position that are arranged along the path of conveyance. An actual path value ( $X_{a}$ ) and an actual speed value ( $v_a$ ) are determined by means of at least one pulse counter (18, 20, 22). The actual path value ( $X_{a}$ ) is used for reading out a speed limiting value ( $v_{2}$ ) from a data table, which is stored in the automation system (4) and which represents a stepped limiting value curve (46) and for comparing the actual speed value ( $v_a$ ) with the read out speed limiting value ( $v_{2}$ ).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2006061346A1

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