

Title (en)

SYSTEM AND METHOD FOR CONDITION MONITORING DURING THE OPERATION OF A CONVEYOR SYSTEM

Title (de)

SYSTEM UND VERFAHREN ZUR ZUSTANDSÜBERWACHUNG BEIM BETRIEB EINES FÖRDERSYSTEMS

Title (fr)

SYSTÈME ET PROCÉDÉ DE SURVEILLANCE D'ÉTAT LORS DU FONCTIONNEMENT D'UN SYSTÈME D'ACHEMINEMENT

Publication

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Application

**EP 20732747 A 20200526**

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Abstract (en)

[origin: WO2021004686A1] The invention relates to a system and a method for condition monitoring during the operation of a conveyor system, in particular an airport baggage handling system, comprising conveyor units (3). The invention also comprises a background system. A conveyor unit (3) comprises a single conveyor line and/or a group of conveyor lines. It is possible to detect an individual flow characteristic of a single conveyor unit (3). Each single conveyor unit (3) has a defined flow characteristic during fault-free operation and the background system is designed to register said defined flow characteristic and the actual flow characteristic of said conveyor unit (3). The background system is designed to analyse the actual flow characteristic of this conveyor unit (3) and to signal, on the basis of said analysis, an imminent wear and/or a malfunction of the conveyor system, in particular of a conveyor line of said conveyor unit (3).

IPC 8 full level

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