

Title (en)
SYSTEM FOR MONITORING THE STATE OF A SCREEN BASKET

Title (de)
SYSTEM ZUR ÜBERWACHUNG DES ZUSTANDS EINES SIEBKORBS

Title (fr)
SYSTÈME POUR CONTRÔLER L'ÉTAT D'UN TAMIS

Publication
EP 3533925 A1 20190904 (DE)

Application
EP 19164554 A 20160421

Priority

- DE 102015207383 A 20150423
- DE 102015210990 A 20150616
- EP 18202794 A 20160421
- EP 16717405 A 20160421
- EP 2016058876 W 20160421

Abstract (en)
[origin: WO2016170042A1] The invention relates to a method for monitoring a wear structure in a machine for generating or processing a fibrous material web, wherein the wear structure comprises at least one wear element, characterised in that the method comprises the following steps: a) providing the time (z0) at which the wear element became operational; b) providing the time (z1) at which a defined first wear level of the wear element was reached; c) providing at least one further characteristic variable (K1); d) forecasting a remaining operating time of the wear element from the information of the times z0 and z1, in particular from the time difference between z0 and z1, as well as from the at least one further characteristic variable (K1) by means of a computer system. The invention also relates to a device for carrying out said method.

Abstract (de)
Ein System zur Überwachung des Zustands eines Siebkorbs eines Sortierers zur Behandlung einer Faserstoffsuspension umfasst eine dem in einem Gehäuse des Sortierers angeordneten Siebkorb zugeordnete kabellose Identifikationseinheit und eine externe, insbesondere mobile Leseinheit zum berührungslosen Auslesen von den Siebkorb betreffenden technischen Daten aus der Identifikationseinheit und zur Herstellung einer Verbindung mit einer weiteren den Sortierer betreffende Daten enthaltenden externen Datenbank.

IPC 8 full level
D21D 5/02 (2006.01); **D21D 5/16** (2006.01)

CPC (source: CN EP US)
D21D 5/023 (2013.01 - CN EP US); **D21D 5/16** (2013.01 - CN EP US); **D21F 1/52** (2013.01 - CN US); **D21F 3/10** (2013.01 - CN US); **D21G 9/0027** (2013.01 - US)

Citation (search report)
[A] US 7013287 B1 20060314 - DOELLE KLAUS [US], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016170042 A1 20161027; CN 107532381 A 20180102; CN 107532381 B 20200320; CN 110273314 A 20190924; CN 110273314 B 20210409; EP 3286375 A1 20180228; EP 3286375 B1 20190102; EP 3461949 A1 20190403; EP 3533925 A1 20190904; EP 3533925 B1 20200226; US 10392750 B2 20190827; US 2018119355 A1 20180503

DOCDB simple family (application)
EP 2016058876 W 20160421; CN 201680023121 A 20160421; CN 201910388329 A 20160421; EP 16717405 A 20160421; EP 18202794 A 20160421; EP 19164554 A 20160421; US 201615568549 A 20160421