

Title (en)
Sensor device for a painting installation

Title (de)
Sensoranordnung für eine Beschichtungsanlage

Title (fr)
Dispositif de détection pour une installation de peinture

Publication
EP 1394757 A3 20050413 (DE)

Application
EP 03019861 A 20030901

Priority
DE 10240451 A 20020902

Abstract (en)
[origin: EP1394757A2] The sensor arrangement has at least one sensor (6) for detecting at least one operating parameter of the coating system and for generating a corresponding sensor signal. A radio transmitter (7) is connected to the sensor and transmits the measurement signal to a receiver (10) for receiving the transmitted sensor signal and a wireless connection between the transmitter and receiver. The sensor is preferably optical, and e.g. provides a measurement of the rotation speed and direction of an air turbine used to drive part of the coating equipment by sensing optical markings distributed around a front surface (5) of the turbine wheel. An Independent claim is included for a coating installation using the remote measuring method.

IPC 1-7
G08C 17/00; B05B 12/00

IPC 8 full level
G08C 17/02 (2006.01)

CPC (source: EP US)
B05B 5/0422 (2013.01 - EP US); **B05B 12/004** (2013.01 - EP US); **B05B 12/006** (2013.01 - EP US)

Citation (search report)
• [X] US 5660334 A 19970826 - TRUSTY DENNIS L [US], et al
• [X] US 5218305 A 19930608 - LUNZER LAWRENCE J [US]
• [X] WO 0191914 A1 20011206 - EISENMANN FRANCE SARL [FR], et al

Cited by
DE102006045631A1; DE102009042955A1; DE102009042956A1; CN102510776A; DE102007004819A1; WO2011035886A1; WO2008037456A1; US8485125B2; US9180469B2; WO2022157098A1

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DOCDB simple family (application)
EP 03019861 A 20030901; DE 10240451 A 20020902; ES 03019861 T 20030901; US 42795806 A 20060630; US 65344403 A 20030902