

Title (en)

STATE SENSOR FOR PLANTS, AND IRRIGATION SYSTEM WITH SUCH A STATE SENSOR

Title (de)

ZUSTANDSSENSOR FÜR PFLANZEN SOWIE BEWÄSSERUNGSANLAGE MIT EINEM DERARTIGEN ZUSTANDSSENSOR

Title (fr)

CAPTEUR D'ÉTAT POUR PLANTES ET DISPOSITIF D'ARROSAGE AVEC CE CAPTEUR D'ÉTAT

Publication

**EP 2061302 A1 20090527 (DE)**

Application

**EP 07802282 A 20070912**

Priority

- EP 2007007947 W 20070912
- DE 102006043058 A 20060914

Abstract (en)

[origin: WO2008031579A1] A state sensor (1) for plants has a clamping device (2) with two clamping elements for clamping a plant part (5). A plant parameter measuring device is mechanically coupled to the clamping device (2) and has a sensor element. The latter is designed as a pressure sensor element arranged on one of the clamping elements for recording a pressure state value of the plant which is independent of the displacement of the clamping elements relative to one another. An irrigation system has at least one such state sensor. This results in an uncomplicated reliable determination of the irrigation state over a prolonged period.

IPC 8 full level

**A01G 7/00** (2006.01)

CPC (source: EP US)

**A01G 7/00** (2013.01 - EP US); **A01G 27/003** (2013.01 - EP US); **Y10T 137/8593** (2015.04 - EP US)

Citation (search report)

See references of WO 2008031579A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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