

Title (en)  
BIOCLIMATOLOGICAL STATION

Title (de)  
BIOKLIMATOLOGISCHE MESSSTATION

Title (fr)  
STATION BIOCLIMATOLOGIQUE

Publication  
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Application  
**EP 97931837 A 19970701**

Priority  
• FR 9701168 W 19970701  
• FR 9608466 A 19960708

Abstract (en)  
[origin: WO9801773A1] The invention discloses a bioclimatological station for establishing in-situ the energy balance of a plant canopy and determining its water demand from parameters measured by sensors provided in the station and a software operated by a central processing unit connected to the sensors and means (E) for transmitting signals to a control station. The station comprises at least a pyrradiometer (3), an anemometer (5), two devices (20) for measuring the temperature and the relative humidity of the air, a rain gauge (70) and autonomous means of power supply, consisting of solar panels (75) connected to an energy storing battery.

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Cited by  
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