

Title (en)

PRECIPITATION SENSOR, IN PARTICULAR HAIL SENSOR, AND METHOD FOR DETECTING A PARTICLE OF PRECIPITATION

Title (de)

NIEDERSCHLAGSSENSOR, INSBESONDERE HAGELSENSOR, UND VERFAHREN ZUR DETEKTION EINES NIEDERSCHLAGSTEILCHENS

Title (fr)

DÉTECTEUR DE PRÉCIPITATIONS, EN PARTICULIER DÉTECTEUR DE GRÊLE, ET PROCÉDÉ DE DÉTECTION D'UNE PARTICULE DE PRÉCIPITATIONS

Publication

**EP 3191875 A1 20170719 (DE)**

Application

**EP 15766386 A 20150821**

Priority

- DE 102014112926 A 20140909
- DE 2015100349 W 20150821

Abstract (en)

[origin: US2016070026A1] A method for detecting a precipitation particle, and a precipitation sensor, especially a hail sensor, which includes an impact body, a transducer for registering vibrations caused by impact of at least one precipitation particle on the impact body, and a device for evaluating the electrical signals generated by the transducer. The evaluation device is provided for the purpose of separately evaluating the signals generated by the transducer in successive measurement time intervals after impact to determine the kinetic energy of the precipitation particle.

IPC 8 full level

**G01W 1/14** (2006.01)

CPC (source: EP US)

**G01W 1/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2016037605A1

Citation (examination)

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Designated extension state (EPC)

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