

Title (en)

METHOD FOR MEASUREMENT OF AIR SPEED BY DOPPLER RADAR

Title (de)

VERFAHREN ZUM MESSEN DER LUFTGESCHWINDIGKEIT MIT EINEM DOPPLER-RADAR

Title (fr)

PROCEDE DE MESURE DE LA VITESSE DE L'AIR PAR RADAR DOPPLER

Publication

**EP 1886166 A1 20080213 (FR)**

Application

**EP 06755534 A 20060530**

Priority

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- FR 0505607 A 20050602

Abstract (en)

[origin: WO2006129006A1] The invention relates to a method for measurement of air speed in an atmospheric region by means of the Doppler effect using radar, comprising the following steps: transmission of bursts of three pulses at different rates  $F_{<SUB>1</SUB>}$ ,  $F_{<SUB>2</SUB>}$ ,  $F_{<SUB>3</SUB>}$ , determination of a speed  $V_{<SUB>1</SUB>}$ ,  $V_{<SUB>2</SUB>}$ ,  $V_{<SUB>3</SUB>}$  for the air from the reflected pulses of each burst and calculation of the air speed  $V$  from the air speeds  $V_{<SUB>1</SUB>}$ ,  $V_{<SUB>2</SUB>}$ ,  $V_{<SUB>3</SUB>}$  determined by the reflected pulses for each burst.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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DOCDB simple family (publication)

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