

Title (en)
APPARATUS FOR AUTOMATICALLY CLEANING WINDOWS

Publication
EP 0112498 B1 19890201 (DE)

Application
EP 83111698 A 19831123

Priority
SE 8206819 A 19821130

Abstract (en)
[origin: EP0112498A2] 1. Arrangement for automatically cleaning of windows on which an external coating of dirt, water, snow or the like may occur, particularly of windows adapted for the penetration of a measuring radiation, characterized in that a transmitter (13) is provided for emitting light on the surface of the window to be cleaned, that a receiver (15, 16) is provided for receiving the light reflected from the external coating on the window (3), and that there is a unit adapted to compare the measuring value for the reflected light supplied from the receiver (15, 16) with a preset value and to deliver a signal when the preset value is exceeded which signal starts the cleaning device (18) for the window.

IPC 1-7
A47L 1/00

IPC 8 full level
A47L 1/00 (2006.01); **G01N 21/15** (2006.01); **G01S 7/48** (2006.01)

CPC (source: EP)
A47L 1/00 (2013.01)

Cited by
EP1422513A3; DE19912971C1; EP1039279A3; DE19615333A1; US5720650A; GB2426577A; DE29621783U1; US6624418B1; US7948628B2; WO9835221A1; US9795334B2; US9907502B2; US9724021B2; US9839386B2; US9795747B2; US9802007B2; US6486945B1; US7956329B2; US9820684B2; US9694144B2; US9937298B2; US10034628B2

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DE FR GB

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DOCDB simple family (application)
EP 83111698 A 19831123; DE 3379098 T 19831123; JP 22400983 A 19831128; SE 8206819 A 19821130