

Title (en)
INSPECTION DEVICE FOR FILTER CIGARETTE

Title (de)
INSPEKTIONSGERÄT FÜR FILTERZIGARETTEN

Title (fr)
DISPOSITIF DE CONTROLE D'UNE CIGARETTE A BOUT FILTRE

Publication
EP 1529451 A1 20050511 (EN)

Application
EP 03788050 A 20030806

Priority
• JP 0310026 W 20030806
• JP 2002234869 A 20020812

Abstract (en)
An inspection device for filter cigarettes has a blocking pad (60) and a suction pad (80) for holding a filter cigarette (FC) therebetween at an inspection position when the filter cigarette (FC) is transferred along a transfer path in a filter-attaching machine, a pressure detector (94) for detecting the magnitude of the negative pressure produced in the filter cigarette (FC) when air in the filter cigarette (FC) is sucked in through the suction pad (80) in the state where the filter cigarette (FC) is held between the blocking pad (60) and the suction pad (80), and a controller (108) for deciding whether there is an adhesion defect of tip paper of the filter cigarette (FC) or not, based on the output from the pressure detector (94).
<IMAGE>

IPC 1-7
A24C 5/34

IPC 8 full level
A24C 5/32 (2006.01); **A24C 5/34** (2006.01)

CPC (source: EP US)
A24C 5/32 (2013.01 - EP US); **A24C 5/3418** (2013.01 - EP US)

Citation (search report)
See references of WO 2004016119A1

Cited by
EP2011409A1; WO2009004493A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1529451 A1 20050511; AU 2003257812 A1 20040303; CN 1671304 A 20050921; JP WO2004016119 A1 20051202; US 2005188996 A1 20050901; WO 2004016119 A1 20040226

DOCDB simple family (application)
EP 03788050 A 20030806; AU 2003257812 A 20030806; CN 03817944 A 20030806; JP 0310026 W 20030806; JP 2004528849 A 20030806; US 2351504 A 20041229