

Title (en)
CIGARETTE MAKING

Title (de)
ZIGARETTENHERSTELLUNG

Title (fr)
APPAREIL DE FABRICATION DE CIGARETTES

Publication
EP 1759603 A1 20070307 (EN)

Application
EP 05741554 A 20050518

Priority
• JP 2005009075 W 20050518
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Abstract (en)
A cigarette making apparatus comprises a filter-plug attachment mechanism arranged to butt a filter plug coaxially against a cigarette and then wrap tip paper around the cigarette and filter plug to cover a joint where the cigarette and the filter plug meet, a laser hole-forming device arranged to form air holes in the tip paper by projecting laser light onto the side of the tip paper intended to contact the cigarette and filter plug (back side), while the tip paper is being supplied to the filter-plug attachment mechanism, and an air-permeability measurement device arranged to measure the air permeability of the tip paper with the air holes formed, wherein the air-flow resistance V_f of a filter-tipped cigarette is adjusted by feedback-controlling the laser hole-forming device on the basis of the air permeability measured.

IPC 8 full level
A24C 5/47 (2006.01); **A24C 5/34** (2006.01); **A24C 5/60** (2006.01)

CPC (source: EP US)
A24C 5/34 (2013.01 - EP US); **A24C 5/606** (2013.01 - EP US)

Citation (search report)
See references of WO 2005115181A1

Cited by
EP2661971A1; WO2015138440A1

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

Designated extension state (EPC)
AL BA HR LV MK YU

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