

Title (en)
Snow gun

Title (de)
Schneekanone

Title (fr)
Canon à neige

Publication
EP 0605824 B1 19970521 (DE)

Application
EP 93120350 A 19931217

Priority
DE 4243731 A 19921223

Abstract (en)
[origin: EP0605824A1] The gun housing (1') forms an air passage open at both ends and contains a motor-driven fan (4), also a water nozzle (7) at the outlet end (3). This delivers the water into the air current (8) in a finely-divided state. Water flow is controlled by a valve (9) in the pipe (10) delivering the water to the nozzle under pressure. Valve operation is electrically or electronically controlled (11), and temperature sensors have their active portions in the path of the current. A system keeps the active portion of a first sensor permanently moist. The valve is controlled dependent on the actual temperature detected by one sensor, while also taking into account the difference between this temperature and that detected by the other sensor.

IPC 1-7
F25C 3/04

IPC 8 full level
F25C 3/04 (2006.01)

CPC (source: EP)
F25C 3/04 (2013.01); **F25C 2303/046** (2013.01); **F25C 2303/048** (2013.01)

Citation (examination)
"Engineering Thermodynamics Work and Heat Transfer" 1967, Seiten 289, 290

Cited by
CN114111144A

Designated contracting state (EPC)
AT CH DE ES FR IT LI

DOCDB simple family (publication)
EP 0605824 A1 19940713; EP 0605824 B1 19970521; AT E153435 T1 19970615; DE 4243731 C1 19940511; DE 59306518 D1 19970626

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