

Title (en)

Snow production cannon

Title (de)

Schneeverzeugungskanone

Title (fr)

Canon pour la fabrication de neige

Publication

**EP 0855564 A1 19980729 (EN)**

Application

**EP 98200151 A 19980121**

Priority

IT MI970126 A 19970123

Abstract (en)

To provide a cannon (1) of optimum efficiency, which is able to produce an artificial snow of various characteristics and also as close as possible to those of natural snow, and is quieter than current cannons for equal nozzles installed, use is made of water atomization nozzles (8) provided with a sized capillary hole (11) having lobes (12) positioned on opposite sides of the central axis of symmetry (9) of the nozzle (8), (Figure 5). <IMAGE>

IPC 1-7

**F25C 3/04; B05B 1/02**

IPC 8 full level

**F25C 3/04** (2006.01)

CPC (source: EP)

**B05B 1/02** (2013.01); **B05B 1/3421** (2013.01); **B05B 7/0433** (2013.01); **F25C 3/04** (2013.01); **F25C 2303/046** (2013.01);  
**F25C 2303/048** (2013.01)

Citation (applicant)

WO 9403764 A1 19940217 - TAZZARI SPORT DIVISION SRL [IT], et al

Citation (search report)

- [A] US 3979061 A 19760907 - KIRCHER EVERETT F
- [A] US 4004732 A 19770125 - HANSON ALDEN W
- [A] GB 1595178 A 19810812 - BRITISH STEEL CORP
- [A] US 3760598 A 19730925 - JAKOB F, et al
- [A] US 4991777 A 19910212 - SATO HIROMICHI [JP]
- [A] US 5368237 A 19941129 - FULKERSON TERENCE M [US]
- [A] US 4346848 A 19820831 - MALCOLM WILLIAM R
- [A] US 3945567 A 19760323 - RAMBACH GERRY
- [A] US 3908903 A 19750930 - BURNS JR SAMUEL L
- [A] US 4593854 A 19860610 - ALBERTSSON STIG L [US]
- [A] US 4236674 A 19801202 - DIXON GEORGE
- [A] EP 0278209 A1 19880817 - MOSS HANS

Cited by

EP2169333A3; WO2013043068A2; EP3614077A1; JP2013180285A

Designated contracting state (EPC)

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**EP 0855564 A1 19980729; EP 0855564 B1 20021127**; AT E228634 T1 20021215; DE 69809603 D1 20030109; IT 1289192 B1 19980929;  
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