

Title (en)
SNOW LANCE AND METHOD FOR PRODUCING ARTIFICIAL SNOW

Title (de)
SCHNEILANZE UND VERFAHREN ZUM ERZEUGEN VON KÜNSTLICHEM SCHNEE

Title (fr)
CANON À NEIGE ET PROCÉDÉ DE PRODUCTION DE NEIGE ARTIFICIELLE

Publication
EP 2232171 A1 20100929 (DE)

Application
EP 08785977 A 20080708

Priority
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Abstract (en)
[origin: EP2071258A1] The nozzle (20) has a nozzle channel (25) with a compressed air inflow opening (24), where cross-section of the channel in a section is reduced in a direction of an outflow opening (23) of the channel up to a smaller diameter. The cross-section of the channel in another section (27) expands in the direction of the outflow opening. A water inflow opening (22) temporally opens out into the channel, where a ratio of cross-sectional surfaces of the outflow opening to cross-sectional surfaces of the channel in a region of the smaller diameter amounts to 4:1 preferably 9:1. Independent claims are also included for the following: (1) a snow blower comprising a nucleator nozzle (2) a method for producing artificial snow.

IPC 8 full level
F25C 3/04 (2006.01); **B05B 1/00** (2006.01)

CPC (source: EP US)
B05B 7/0853 (2013.01 - US); **F25C 3/04** (2013.01 - EP US); **F25C 2303/0481** (2013.01 - EP US)

Citation (search report)
See references of WO 2009077211A1

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