

Title (en)
SNOW MAKING MACHINE

Publication
EP 0089590 B1 19861230 (EN)

Application
EP 83102459 A 19830312

Priority
US 36061082 A 19820322

Abstract (en)
[origin: EP0089590A1] The apparatus utilizes water and compressed air supplies (40,41) conventionally provided at the site, and receives its motive power through a water turbine, (27) which extracts a fraction of the energy available in the pressurized water supply (31) by first passing the water through the turbine motor (27) driving an axial fan (25). The water exiting from the turbine (27) is then mixed with compressed air in a plurality of nozzles (34) and discharged into the air stream created by the turbine-driven axial fan (25). The equipment makes possible the production of large volumes of high quality snow with greatly reduced requirements for compressed air utilization.

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 2303/0481** (2013.01)

Cited by
US4828175A; CN114251887A; EP0206705A1; US5180106A; EP3940318A1; FR3112596A1; US6378778B1; US6508412B1; WO9963286A1; WO9940381A1; WO9209857A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0089590 A1 19830928; EP 0089590 B1 19861230; AT E24604 T1 19870115; AU 1253483 A 19830929; DE 3368757 D1 19870205; JP S58193066 A 19831110; NO 830982 L 19830923; NZ 203640 A 19850731

DOCDB simple family (application)
EP 83102459 A 19830312; AT 83102459 T 19830312; AU 1253483 A 19830317; DE 3368757 T 19830312; JP 4613283 A 19830322; NO 830982 A 19830321; NZ 20364083 A 19830321