

Title (en)

METHOD AND DEVICE FOR PREPARING SNOW

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN VON SCHNEE

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE DE LA NEIGE

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Application

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Abstract (en)

[origin: WO9917067A1] The invention relates to a method for preparing snow, in particular in a hall intended for winter sports, comprising the steps of: bringing the hall to a temperature below freezing point; supplying a liquid for freezing to the hall and atomizing the liquid in the hall using a gas, wherein for atomizing purposes gas is supplied under a pressure of a maximum of 12 barg and a volume ratio between the gas and the liquid lies between 125 and 2000 Nm³/m³. The average size of the atomized liquid particles can herein amount to a maximum of 75 µm (SMD). The hall can be divided into compartments for preparing the snow, wherein snow can then be prepared in one compartment at a time. The invention further relates to an apparatus for performing this method. In order to atomize the liquid for freezing this apparatus can be provided with one or more optionally movable spray nozzles.

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