

Title (en)

Method of forming artificial snow surface, ice crusher machine used in the method and method of maintaining snow surface.

Title (de)

Verfahren zur Herstellung einer künstlichen Schneedecke, Eisbrecher dafür und Verfahren zur Erhaltung dieser Schneedecke.

Title (fr)

Méthode de formation d'une surface de neige artificielle, broyeur de glace utilisé dans la méthode et méthode pour entretenir la surface de neige.

Publication

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Application

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Priority

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Abstract (en)

A method of forming an artificial snow surface and an ice crusher machine used in the method are disclosed. Also disclosed is a method of maintaining a snow surface. The surface forming method has the steps of spraying water onto a floor incorporating a refrigerating unit; freezing the water by the refrigerating unit to form an ice layer on the floor; shaving a surface of the ice layer to generate artificial snow consisting of fine ice particles; and forming an artificial snow layer having an artificial snow surface by leaving the shaved snow on the remain of the ice layer in the course of the shaving step. The ice crushing machine has a self-propelling device for propelling the machine body on the ice layer while shaving the surface of the layer to produce fine ice particles behind the propelling path of the machine. The surface maintaining method has the step of dehumidifying air present adjacent the snow surface to avoid frosting of water content in the air on the surface. <IMAGE>

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Citation (search report)

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