United States Patent

Kieft

[54] INCREASING NUCLEATION ACTIVITY WITH LICHENS AND FUNGI

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[58] Field of Search ............... 435/254, 257, 317.1, 435/252.3, 69.1, 172.3, 320, 239/2.2, 2.1

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ABSTRACT

The disclosure is directed to increasing ice nucleation activity of liquids and gases by using lichens, fungi, and ice nuclei derived from lichen fungi. The invention is particularly useful for snowmaking, cloud seeding, and other industrial freezing and cooling processes.

12 Claims, 2 Drawing Sheets