

Title (en)
ANTIFREEZE POLYPEPTIDES.

Title (de)
FROSTFESTE POLYPEPTIDE.

Title (fr)
POLYPEPTIDES ANTI-CONGELATEURS.

Publication
EP 0472662 A1 19920304 (EN)

Application
EP 90909325 A 19900510

Priority
• US 35048189 A 19890510
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Abstract (en)
[origin: WO9013571A1] Novel methods of improving freezing tolerance of organic materials through the use of antifreeze polypeptides is provided. These polypeptides increase the storage life of foodstuffs and biologics, as well as protect plant products, such as during growth. The antifreeze polypeptides, or their fusion proteins, may be produced chemically or by recombinant DNA techniques, and then purified for a variety of uses.

Abstract (fr)
De nouveaux procédés permettent d'améliorer au moyen de polypeptides anti-congélateurs la résistance de matériaux organiques à la congélation. Ces polypeptides augmentent la durée de conservation de produits alimentaires et biologiques et protègent des produits végétaux, par exemple pendant leur croissance. On peut produire ces polypeptides anti-congélateurs, ou leurs protéines de fusion, par des techniques chimiques ou de recombinaison d'ADN, puis les purifier à des fins diverses.

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DOCDB simple family (application)
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