

Title (en)
APPARATUS AND METHOD FOR REDUCING TEMPERATURE OF ITEMS

Title (de)
VORRICHTUNG UND VERFAHREN ZUR SENKUNG DER TEMPERATUR VON ARTIKELN

Title (fr)
APPAREIL ET PROCÉDÉ DE RÉDUCTION DE LA TEMPÉRATURE D'ARTICLES

Publication
EP 3333510 A1 20180613 (EN)

Application
EP 17172271 A 20170522

Priority
US 201662430524 P 20161206

Abstract (en)
In order to overcome the limitations and problems that earlier apparatus and methods have experienced, an apparatus (10; 50) for reducing a temperature of at least one item (12), in particular of at least one food item, is proposed, said apparatus (10; 50) comprising: - a housing (14; 54) comprising a ceiling (16; 56), a floor (18, 58) and side walls (20; 60) defining a chamber (22; 62) within the housing (14; 54); - at least one conveyor (24) extending into the chamber (22; 62) between the ceiling (16; 56) and the floor (18, 58); - at least one gas circulation device (26; 66) disposed in the chamber (22; 62); and - at least one turbulence-generating device (32) disposed in the chamber (22; 62) and between the at least one conveyor (24) and the at least one gas circulation device (26; 66). A related method of reducing a temperature of at least one item (12), in particular of at least one food item, is also proposed.

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CPC (source: EP)
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• [X] GB 1182347 A 19700225 - FEUERMANN HERBERT [CH]
• [X] EP 0120075 A1 19841003 - PATENTSMITH II INC [US]
• [XA] WO 8404808 A1 19841206 - PATENTSMITH II INC [US]
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