

Title (en)  
COOLING METHOD

Title (de)  
KÜHLVERFAHREN

Title (fr)  
PROCEDE DE REFROIDISSEMENT

Publication  
**EP 1006803 A1 20000614 (EN)**

Application  
**EP 98940386 A 19980826**

Priority  
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Abstract (en)  
[origin: GB2328602A] A method of cooling baked products, such as bread, is provided comprising the steps of moving the products on a spiral conveyor 16 through a cooling unit 12 cooling air to 15°C or less, thereby increasing its relative humidity, and then passing the cold air over the baked products to cool the products, the cooling coils 14 in the cooling unit being arranged such that the temperature of the air does not rise by more than 8°C as it passes over the products. Air having a temperature of 15°C or less has a much higher relative humidity than air at ambient temperatures. Thus by passing such cold air over the baked products, the moisture loss from the products can be controlled without the use of humidification devices, such as air washers. This reduces the cost of the equipment needed, and reduces cooling times. In further embodiments, the cooling coils are arranged such that the relative humidity of the air does not fall below 70% as it passes over the products, and the air is recirculated around a closed loop.

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