

Title (en)
APPARATUS FOR SEPARATING FROZEN FOOD CUBES INTO SMALLER ONES

Publication
EP 0305673 B1 19911121 (DE)

Application
EP 88110196 A 19880627

Priority
DE 3729547 A 19870904

Abstract (en)
[origin: EP0305673A2] Provided below a conveying path 7 for the blocks 13 to be separated is a further conveying path 3, having a conveying direction T2 opposite to the conveying direction T5 of the first conveying path. Multi-bladed circular saws 12, 16 which divide the supplied blocks 13 into slices are arranged above and below the first conveying path 8. A catching and application unit 14, 15 for the product cut by the circular saw 12 is assigned to the upper circular saw 12. The product cut by the lower circular saw 16 is caught by the blocks 1 transported underneath this circular saw 16. A cutting-to-size unit 11 with passage freezing chamber 10 arranged at the front is assigned to a transfer unit 4 for the blocks 1 which is provided between the lower conveying path 3 and the upper conveying path 8. The blocks 1 abutting against one another at their end faces are frozen together at the separating line, so that unusable remaining slices no longer arise during the cutting-to-size. As a result of these features, geometrically exact blocks are obtained, which can be divided by the circular saws 12, 16 into geometrically exact plates. It is thus possible to keep to the prescribed weight with the narrowest tolerances. <IMAGE>

IPC 1-7
B26D 7/06; **B26D 11/00**

IPC 8 full level
B26D 7/06 (2006.01); **B26D 11/00** (2006.01)

CPC (source: EP)
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Cited by
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