

Title (en)

Close tolerance food slicing apparatus, blade and method

Title (de)

Vorrichtung zum Schneiden von Lebensmitteln mit enger Toleranz, sowie Messer und Verfahren

Title (fr)

Dispositif de coupe à faible tolérance pour des produits alimentaires, ainsi que couteaux et procédé

Publication

EP 0709170 A1 19960501 (EN)

Application

EP 95307580 A 19951025

Priority

US 32821394 A 19941025

Abstract (en)

An apparatus, a slicing blade and a method for improved slicing of large food sticks (11), loaves and the like are provided. A slicing blade (14) which may have a top flat surface (22) or top flat land width along its cutting edge provides generally longitudinal forces on the food product (11) being sliced, which forces are in a direction generally opposite to the direction through which the food products (11) are fed through a slicing apparatus. The slicing blade (14) includes a bottom primary bevel surface (24) and typically steep primary angle (PA) for imparting angularly directed forces on the food products (11) being sliced so as to throw the slices (19) at a generally corresponding deposit angle. The invention is particularly important in improving handling of large luncheon meat sticks including non-frozen, high water content and reduced fat content luncheon meat sticks. Fast feed rates can be practised without experiencing jamming, yields are increased, slice quality is made more consistent and repeatable, slicing line utilization is enhanced, and sanitary conditions are more easily maintained. <IMAGE>

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IPC 8 full level

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CPC (source: EP)

B26D 1/0006 (2013.01); **B26D 7/01** (2013.01); **B26D 2001/002** (2013.01); **B26D 2001/0046** (2013.01); **B26D 2001/0053** (2013.01); **B26D 2001/006** (2013.01)

Citation (applicant)

- EP 0595489 A1 19940504 - MAYER OSKAR FOODS [US]
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Citation (search report)

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