

Title (en)  
SLICING MACHINES FOR COMESTIBLE PRODUCTS

Publication  
**EP 0090623 A3 19860702 (EN)**

Application  
**EP 83301695 A 19830325**

Priority  
GB 8208880 A 19820326

Abstract (en)  
[origin: EP0090623A2] A slicing machine (10) for comestible products has a reciprocally movable table (12, 12B) which delivers product to be cut to a slicing station (15) at which a slicing mechanism (16) is located, mechanism (16) comprises knife blade (20) rotatably mounted eccentrically on a counterbalanced rotatable carrier (21) and respectively powered by hydraulic motors (30, 31) which are operated by a hydraulic control system (28). Table (12, 12B) is driven by a hydraulic ram (32) operated by the control system (28) which incorporates a mechanism (38) for setting hydraulic fluid delivery pressure, the mechanism (38) incorporating pressure-setting valves (45, 46, 47) governed by solenoid-operated valves (43, 46) which are arranged such that when the temperature of the hydraulic fluid is below a nominal working temperature the delivery pressure established by the mechanism (38) is above a nominal working pressure and when the hydraulic fluid temperature reaches or exceeds the nominal working temperature the delivery pressure is established at the nominal working pressure and is rendered variable by valves (43, 46, 47) which are responsive to the rotational speed of the carrier (21) such that when carrier speed reduces working pressure is elevated above the nominal level.

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Citation (search report)  
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**EP 0090623 A2 19831005**; **EP 0090623 A3 19860702**; AU 1287683 A 19830929

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