

Title (en)
DRIVE SYSTEM FOR FOOD SLICING MACHINE

Title (de)
ANTRIEBSSYSTEM FÜR EINE AUFSCHNITTSCHEIDEMASCHINE

Title (fr)
SYSTEME D'ENTRAINEMENT POUR MACHINE DE DECOUPAGE EN TRANCHES D'ALIMENTS

Publication
EP 1133381 A4 20020320 (EN)

Application
EP 99970955 A 19991026

Priority
• US 9924050 W 19991026
• US 10576698 P 19981027

Abstract (en)
[origin: WO0024552A1] A drive system for driving the workpiece-retaining carriage (12) of a food slicing machine (14), including a drive pulley (32) rotatably driven by a servomotor in alternating, opposite directions. Opposite ends of a drive belt (34) extend around the drive pulley through a gap between two idle pulleys (40, 42). The drive belt seats against the idle pulleys, and the opposite ends extend in opposite directions on the opposite side of the gap. The upper drive belt end extends over the curved surface of a support panel (22) to gripping engagement of a tensioning pulley (44) and clamp (48). The lower drive belt end extends over the curved surface of the support panel to gripping engagement of a second tensioning pulley (46) and clamp (50). The support panel is mounted on a drive member that is, at its opposite end, rotatably mounted to a pivot (16), and rigidly mounted to the workpiece-retaining carriage.

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B26D 1/01; **B26D 7/06**

IPC 8 full level
B26D 7/06 (2006.01)

CPC (source: EP)
B26D 7/0616 (2013.01)

Citation (search report)
• [A] DE 4434148 A1 19960328 - SCHMIDT UWE DIPL ING [DE]
• [A] US 4266456 A 19810512 - OOSTVOGELS JOHANNES M
• See references of WO 0024552A1

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