

Title (en)
Slicing machine for slicing two or more food loaves

Title (de)
Ausschnittschneidevorrichtung zum Schneiden von zwei oder mehreren Fleischstücken

Title (fr)
Machine à trancher des produits alimentaires

Publication
EP 0713753 B2 20150617 (EN)

Application
EP 95116064 A 19951011

Priority
• US 32075994 A 19941011
• US 32075294 A 19941011
• US 32074994 A 19941011
• US 32075094 A 19941011

Abstract (en)
[origin: EP0713753A2] A high speed slicing machine (50) feeds one, two, or more food loaves (91) along parallel loaf paths into a slicing station (66) for slicing by one cyclically driven knife blade; the slices are stacked or shingled in groups (92,93) on a receiving conveyor (64) located below the slicing station (66). Independent loaf feed drives are provided; slices cut from one loaf may be thicker than slices from the other. The machine may combine manual and automated food loaf loading mechanisms that share a central barrier used only during loading. The automated loaf loading mechanism (75) has a sweep to push loaves onto the loaf paths. There are grippers each loaf path; each has a loaf feed drive that impels the gripper toward the slicing station and then moves it back to a home position. Each loaf feed drive also includes two "short" conveyors. <IMAGE>

IPC 8 full level
B26D 1/00 (2006.01); **B26D 3/28** (2006.01); **A22C 17/00** (2006.01); **B26D 1/16** (2006.01); **B26D 3/16** (2006.01); **B26D 5/00** (2006.01); **B26D 7/01** (2006.01); **B26D 7/06** (2006.01); **B26D 7/08** (2006.01); **B26D 7/12** (2006.01); **B26D 7/22** (2006.01); **B26D 7/28** (2006.01); **B26D 7/30** (2006.01); **B26D 7/32** (2006.01)

CPC (source: EP)
B26D 1/0006 (2013.01); **B26D 1/16** (2013.01); **B26D 3/161** (2013.01); **B26D 5/00** (2013.01); **B26D 5/086** (2013.01); **B26D 5/34** (2013.01); **B26D 7/01** (2013.01); **B26D 7/06** (2013.01); **B26D 7/0625** (2013.01); **B26D 7/0683** (2013.01); **B26D 7/12** (2013.01); **B26D 7/22** (2013.01); **B26D 7/225** (2013.01); **B26D 7/30** (2013.01); **B26D 7/32** (2013.01); **B26D 5/36** (2013.01); **B26D 5/42** (2013.01); **B26D 2001/0046** (2013.01); **B26D 2001/006** (2013.01); **B26D 2007/011** (2013.01); **B26D 2210/02** (2013.01); **B26D 2210/08** (2013.01)

Citation (opposition)
Opponent :
• US 3827319 A 19740806 - FLESCHE K
• US 3605837 A 19710920 - LAMBERT ROBERT D, et al
• DE 4206196 A1 19930902 - DIXIE UNION VERPACKUNGEN GMBH [DE]
• DE 3010732 A1 19811001 - SCHINDLER & WAGNER KG [DE]
• DE 3912445 A1 19901018 - DIXIE UNION VERPACKUNGEN GMBH [DE]
• DE 4113435 A1 19921029 - DIXIE UNION VERPACKUNGEN GMBH [DE]

Cited by
EP2258523A1; EP2420364A1; EP2258524A1; EP3827945A1; EP3827946A1; EP3827945B1; CN112549109A; CN112847606A; CN108081351A; GB2529284A; GB2529284B; US6318224B1; CN113733190A; DE102009023730B4; CN112286291A; US6045071A; EP0867263A3; CN111571664A; DE102009023728B4; CN112008778A; CN114536433A; US7270039B2; US10639798B2; EP3838523A1; CN113771113A; WO2020172051A1; WO2005051086A1; WO2010139399A1; WO9746355A1; WO0006349A1; WO9815394A1; WO03065786A2; US6763750B2; DE102009023729A1; DE102014106353A1; US10807266B2; WO2004062375A2; US7055419B2; US10160602B2; US6763748B2; US11685071B2; WO2023135306A1; US8408109B2; DE102010034677A1; US6769337B2; DE102009023730A1; DE102009023751A1; WO2004000512A1; US9950869B1; WO2019096741A3; DE102015015166A1; US10315326B2; US11511450B2; DE102015015166B4; EP0931630A3; CN114290387A; DE102009023728A1; EP2420363A1; DE102010034674A1; DE20201111071U1; US10625436B2; US10639812B2; US11383399B2; US11766801B2; US7278344B2; EP2404829A2; EP2420365A1; DE102010034675A1; US8322537B2; EP2657138A2; US8627941B2; US8931240B2; US9181039B2; EP3597548A1; US10836065B2; EP2239108A2; EP2239109A2; EP2251159A2; EP2420362A1; US8250955B2; US8276491B2; US8336434B2; EP2684656A2; EP2913168A1; US9764490B2; EP3827946B1; EP2566670B1; EP3400115B1; EP2913168B1; EP2251159B2

Designated contracting state (EPC)
DE FR GB NL SE

DOCDB simple family (publication)
EP 0713753 A2 19960529; EP 0713753 A3 19960904; EP 0713753 B1 20000510; EP 0713753 B2 20150617; CA 2154337 A1 19960412; CA 2154337 C 20050705; DE 69516809 D1 20000615; DE 69516809 T2 20001019; JP H08118288 A 19960514

DOCDB simple family (application)
EP 95116064 A 19951011; CA 2154337 A 19950720; DE 69516809 T 19951011; JP 26301795 A 19951011