

Title (en)
DICING MACHINE

Publication
EP 0363220 A3 19910123 (EN)

Application
EP 89310260 A 19891006

Priority
US 25484388 A 19881007

Abstract (en)
[origin: EP0363220A2] A machine for cutting slabs of fresh or frozen tempered meat into diced sections and defined by a conveyor assembly (21) comprised of a feed belt (23) and an associated spring-biased feed roll (67), a strip cutting assembly (47) comprised of a first knife roll (114) of circular knives (115) and an associated drum (117), and a crosscut assembly comprised of a second knife roll (124) of elongate knives (127) and an associated stripper plate (49) provided with a corresponding shear edge (129), with edge portions of the circular knives (115) being intermeshed within slots (145) formed in the stripper plate (49) and peripheral grooves (135) formed in both the feed roll and feed drum. The feed drum (117) is configured to retard the movement of fresh meat slabs being conveyed through the strip cutting assembly during which the circular knives are rotated at a peripheral speed that is at least twice the peripheral speed of the feed drum.

IPC 1-7
B26D 3/22

IPC 8 full level
B26D 1/24 (2006.01); **B26D 3/22** (2006.01); **B26D 3/28** (2006.01); **B26D 7/06** (2006.01)

CPC (source: EP)
B26D 3/22 (2013.01); **B26D 7/06** (2013.01); **B26D 7/0625** (2013.01); **B26D 7/0683** (2013.01)

Citation (search report)
• [X] US 2603262 A 19520715 - URSCHER WILLIAM E, et al
• [Y] US 2060540 A 19361110 - STRAETEN CHARLES L
• [X] US 2506985 A 19500509 - ARNT HERALD P
• [A] US 2011475 A 19350813 - SANDER DEBUS
• [A] US 3826185 A 19740730 - VADAS L

Cited by
CN113561242A; CN109176663A; EP3638468A4; DE19529613A1; DE19529613C2; US5673863A; CN113092217A; WO2018232091A1; WO2014142694A1

Designated contracting state (EPC)
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0363220 A2 19900411; EP 0363220 A3 19910123; EP 0363220 B1 19930811; CA 1318574 C 19930601; DE 68908328 D1 19930916; DE 68908328 T2 19940210; JP H02152793 A 19900612

DOCDB simple family (application)
EP 89310260 A 19891006; CA 611619 A 19890915; DE 68908328 T 19891006; JP 26193489 A 19891006