

Title (en)
CUTTING BLADE

Title (de)
SCHNEIDMESSER

Title (fr)
COUTEAU

Publication
EP 2162266 B1 20120502 (DE)

Application
EP 08785722 A 20080827

Priority
• EP 2008007021 W 20080827
• DE 102007040350 A 20070827

Abstract (en)
[origin: US2010162868A1] The invention relates to a cutting blade for machines for slicing food products, particularly for high-speed slicers, wherein the cutting blade is a sickle-shaped blade rotating about a rotation axis during the slicing operation and having a cutting edge that deviates from a circular shape at the radially outer circumference thereof and revolves about the rotation axis, particularly in the manner of a spiral, the edge being positioned in a cutting plane extending perpendicular to the rotation axis, wherein the cutting edge forms the radially outer end of a cutting surface, which forms part of the blade back side facing away from a product to be sliced during the slicing operation and includes a blade angle together with the cutting plane, and wherein the size of the blade angle varies in the circumferential direction.

IPC 8 full level
B26D 1/00 (2006.01)

CPC (source: EP US)
B26D 1/0006 (2013.01 - EP US); **B26D 2001/0046** (2013.01 - EP US); **B26D 2001/0053** (2013.01 - EP US); **B26D 2001/006** (2013.01 - EP US); **B26D 2210/02** (2013.01 - EP US); **Y10T 83/9403** (2015.04 - EP US)

Cited by
DE102013217137A1; DE102020103045A1; WO2014114579A3; WO2014114579A2; EP2948279B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2010162868 A1 20100701; **US 8424436 B2 20130423**; AT E555882 T1 20120515; DE 102007040350 A1 20090305; EP 2162266 A1 20100317; EP 2162266 B1 20120502; ES 2387006 T3 20120911; WO 2009027080 A1 20090305

DOCDB simple family (application)
US 73338508 A 20080827; AT 08785722 T 20080827; DE 102007040350 A 20070827; EP 08785722 A 20080827; EP 2008007021 W 20080827; ES 08785722 T 20080827