

Title (en)

Apparatus and method for comminuting food products, such as meat, under vacuum

Title (de)

Vorrichtung und Verfahren zum Zerkleinern von Nahrungsmitteln, insbesondere Fleisch, unter Vakuum

Title (fr)

Procédé et dispositif de hachage de produits alimentaires, notamment de la viande, sous vide

Publication

EP 0960654 A1 19991201 (EN)

Application

EP 99109803 A 19990519

Priority

DK 71998 A 19980529

Abstract (en)

Apparatus for comminuting and/or emulgating food products comprising a comminuting tool having one or several rotating elements comprising a connection element (3) provided with openings (4, 5) being in connection with the comminuting tool (1, 2) close to the axis of rotation of the rotating element(s) (2) in the comminuting tool (2). The connection element (3) is used for evacuating the region around the comminuting tool (1, 2) or for adding a gas or a liquid to the food product. <IMAGE>

IPC 1-7

B02C 18/30; **B02C 23/18**

IPC 8 full level

B02C 18/30 (2006.01); **B02C 23/18** (2006.01)

CPC (source: EP)

B02C 18/302 (2013.01); **B02C 18/305** (2013.01); **B02C 23/18** (2013.01)

Citation (applicant)

DE 3604595 A1 19870820 - KRAEMER & GREBE KG [DE]

Citation (search report)

- [XA] FR 2474342 A1 19810731 - EISENWERKE FRIED W DUKER GMBH [DE]
- [A] DE 3712042 A1 19881027 - SCHNELL MASCHFAB KARL [DE]
- [A] US 5699970 A 19971223 - MIHAILOVIC VLADAN [US]
- [AD] DE 3604595 A1 19870820 - KRAEMER & GREBE KG [DE]

Cited by

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