

Title (en)

Automated safety device for mincing machines

Title (de)

Automatisierte Sicherheitsvorrichtung für Zerkleinerungsmaschinen

Title (fr)

Dispositif de sécurité automatisé pour hachoirs

Publication

EP 2471601 A1 20120704 (EN)

Application

EP 11425304 A 20111221

Priority

IT VI20100352 A 20101228

Abstract (en)

The present invention concerns an automated safety device of the mincing mouth of a mincing machine (1) comprising a triggering device (15) of an electrical supply circuit of the mincing device, a mincing body (2) and a ring nut (18), screwed at the free end of the mincing body (2); a mechanical connection is provided between the ring nut (18) and the triggering device (15), suitable to transmit the movement of the nut ring (18) on the triggering device (15), from a first use position to a second maintenance position.

IPC 8 full level

B02C 18/30 (2006.01)

CPC (source: EP)

B02C 18/305 (2013.01)

Citation (search report)

- [A] EP 0303956 A2 19890222 - BIZERBA WERKE KRAUT KG WILH [DE]
- [A] EP 1832346 A2 20070912 - MINERVA DI CHIODINI MARIO S R [IT]

Cited by

CN105013586A; CN111711410A; CN110116037A; CN107213968A; EP4088817A1; CN107549270A; EP3680019A1; FR3091665A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2471601 A1 20120704; EP 2471601 B1 20150729; ES 2547904 T3 20151009; IT 1403479 B1 20131017; IT VI20100352 A1 20120629

DOCDB simple family (application)

EP 11425304 A 20111221; ES 11425304 T 20111221; IT VI20100352 A 20101228