Title (en)
  Safety device for meat grinder and similar

Title (de)
  Sicherheitsvorrichtung für Fleischwölfe und ähnliches

Title (fr)
  Dispositif de sécurité pour hachoir à viande et similaires

Publication
  EP 1832346 A3 20090311 (EN)

Application
  EP 07004557 A 20070306

Priority
  IT BO20060164 A 20060307

Abstract (en)
  [origin: EP1832346A2] A safety device for meat grinder comprises at least a body base (2) containing an actuating motor for an auger means (3) housed in a cavity (4) having an external end having at least an operating member (5) blocked by a removable ring (6). The device (1) comprises a detector means (7) mobile between two end conditions of activation (A) and deactivation (D) in which it places an excitation means (8) respective inwardly and outwardly the detecting beam of a respective sensor (9) fit to activate the operation of the motor in the activation condition in which it finds the excitation means and vice versa. Such detector means (7) is placed in the activation condition by activation means (50) when the operating member (5) is locked by the metal ring (6) and is positioned in the deactivation condition by elastic means (10) in absence or deficiency of at least one between the operating member (5) and the clamping of the metal ring (6).

IPC 8 full level
  B02C 18/30 (2006.01)

CPC (source: EP)
  B02C 18/305 (2013.01)

Citation (search report)
  • [A] EP 1201312 A1 20020502 - CONVENIENCE FOOD SYS WALLAU [DE]
  • [A] EP 0303956 A2 19890222 - BIZERBA WERKE KRAUT KG WILH [DE]

Cited by
  CN110116037A; CN117968939A; US2018243749A1; US11077447B2; EP3680019A1; FR3091665A1; EP2471601A1; ITVI20100352A1; EP3456416A1; US10857546B2; WO2022200614A1

Designated contracting state (EPC)
  AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
  AL BA HR MK RS

DOCDB simple family (publication)
  EP 1832346 A2 20070912; **EP 1832346 A3 20090311**; **EP 1832346 B1 20110511**; AT E508797 T1 20110515; ES 2364190 T3 20110826; IT BO20060164 A1 20070908

DOCDB simple family (application)
  EP 07004557 A 20070306; AT 07004557 T 20070306; ES 07004557 T 20070306; IT BO20060164 A 20060307