

Title (en)
Shredder

Title (de)
Shredder

Title (fr)
Broyeur

Publication
EP 2759346 B1 20190313 (DE)

Application
EP 14152035 A 20140121

Priority
DE 102013001260 A 20130126

Abstract (en)
[origin: EP2759346A1] The shredder has a top-mounted cutting unit (1) that comprises an electric motor driven cutting roller pair (6) which is located between a receiving slot (4) and an outlet opening (5) of a housing (2). A thickness sensor (7) is arranged for a material to be crushed between the cutting unit and a catchment area (19) of the roller pair. The sensor is projected into the slot. A gap (9) is formed between the active portions (10,101) and the passive portions (11,111) of the sensor and remains constant in a possible pivoting movement (13) of the active and/or passive portions.

IPC 8 full level
B02C 18/00 (2006.01); **B02C 18/16** (2006.01); **B02C 18/22** (2006.01); **B02C 25/00** (2006.01)

CPC (source: EP US)
B02C 18/0007 (2013.01 - EP US); **B02C 18/2291** (2013.01 - US); **B02C 25/00** (2013.01 - US); **B02C 2018/164** (2013.01 - EP US)

Cited by
CN106824432A; WO2019056712A1

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

DOCDB simple family (publication)
EP 2759346 A1 20140730; EP 2759346 B1 20190313; DE 102014100669 A1 20140731; US 2014231558 A1 20140821;
US 9480988 B2 20161101

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EP 14152035 A 20140121; DE 102014100669 A 20140121; US 201414162330 A 20140123