

Title (en)

PRELIMINARY CRUSHING DEVICE AND RELATED METHOD

Title (de)

VORZERKLEINERUNGSVORRICHTUNG UND ZUGEHÖRIGES VERFAHREN

Title (fr)

DISPOSITIF DE BROYAGE PRÉALABLE ET PROCÉDÉ ASSOCIÉ

Publication

EP 2528688 B1 20150311 (EN)

Application

EP 11711628 A 20110128

Priority

- IT UD20100016 A 20100129
- IB 2011000142 W 20110128

Abstract (en)

[origin: WO2011092588A1] Device for the preliminary crushing of scrap, comprising conveying means (22) and crushing means (50) disposed at a predetermined operating distance from the conveying means (22). The conveying means (22) comprise an introduction portion (27) and a pressure element (30), disposed immediately after the introduction portion (27), provided with hook portions (40) able not to interfere with the feed of the scrap toward the crushing means (50). The pressure element (30) is selectively movable between at least a first position, in which it is disposed substantially aligned with the introduction portion (27) and a second position in which it protrudes with respect to the introduction portion (27) so as to bring the hook portions (40) closer to the crushing means (50). The pressure element (30) has at least a third position in which at least it is disposed in a recessed manner with respect to the introduction portion (27), so as to determine a step (28) to increase, at least temporarily, the operating distance between the crushing means (50) and the hook portions (40).

IPC 8 full level

B02C 18/14 (2006.01); **B02C 18/00** (2006.01); **B02C 18/16** (2006.01); **B02C 18/22** (2006.01); **B02C 19/00** (2006.01)

CPC (source: EP)

B02C 18/0084 (2013.01); **B02C 18/142** (2013.01); **B02C 18/16** (2013.01); **B02C 18/2233** (2013.01); **B02C 18/2291** (2013.01); **B02C 19/0062** (2013.01); **B02C 2013/28672** (2013.01); **B02C 2018/162** (2013.01); **B02C 2018/164** (2013.01)

Cited by

IT201600073523A1

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)

WO 2011092588 A1 20110804; EP 2528688 A1 20121205; EP 2528688 B1 20150311; ES 2541002 T3 20150715; IT 1398438 B1 20130222; IT UD20100016 A1 20110730; PL 2528688 T3 20150831

DOCDB simple family (application)

IB 2011000142 W 20110128; EP 11711628 A 20110128; ES 11711628 T 20110128; IT UD20100016 A 20100129; PL 11711628 T 20110128