Title (en)
DEVICE FOR SEPARATING AND TRANSPORTING AWAY RAW MATERIALS

Title (de)
EINRICHTUNG ZUM TRENNEN UND ABFÖRDERN VON ROHSTOFFEN

Title (fr)
PROCEDE POUR SEPARER ET EVACUER DES MATIERES PREMIERES

Publication
EP 1606055 B1 20060830 (DE)

Application
EP 04721818 A 20040319

Priority
- DE 2004000572 W 20040319
- DE 10312605 A 20030321

Abstract (en)
[origin: WO2004082834A1] The invention relates to a device for separating and transporting away raw materials once they have been ground, from cutting tools embodied as separating/cutting units and pertaining to machines for meat mincing, especially mincers. The inventive device is embodied as an adaptable tool and can be associated with separating and cutting units (1) of mincers. Said device is characterised by a transporting tube (4) and a discharge screw (3) arranged inside said tube and driven by external means. Furthermore, the adaptable tool and the discharge screw can be positioned and arranged in different positions for each separating and cutting unit (1). The discharge screw (3) is thus associated with each respective separating and cutting unit (1) in a central or axial arrangement or in an arrangement which is displaced by 90 DEG in relation to the axial direction of the separating and cutting unit (1) and in relation to the transport direction of the raw material or in an arrangement which is also displaced by 90 DEG in relation to the centre of the axis of the separating and cutting unit, (1) between the inner wall of the cutting unit housing (2) and the separating and cutting unit (1), forming a defined angle associated with the separating and cutting unit (1).

IPC 8 full level
B02C 18/30 (2006.01)

CPC (source: EP US)
B02C 18/30 (2013.01 - EP US); **B02C 18/305** (2013.01 - EP US); B02C 2018/308 (2013.01 - EP US)

Designated contracting state (EPC)
DK ES FR GB IT

DOCDB simple family (publication)
WO 2004082834 A1 20040930; DE 10312605 A1 20041014; DE 10312605 B4 20050203; DE 112004000972 D2 20060216; DK 1606055 T3 20061120; EP 1606055 A1 20051221; EP 1606055 B1 20060830; ES 2270367 T3 20070401; US 2007000397 A1 20070104; US 7395980 B2 20080708

DOCDB simple family (application)
DE 2004000572 W 20040319; DE 10312605 A 20030321; DE 112004000972 T 20040319; DK 04721818 T 20040319; EP 04721818 A 20040319; ES 04721818 T 20040319; US 55044305 A 20050921