

Title (en)

ARRANGEMENT FOR CUTTING AND EJECTING WASTE, UNIT AND MACHINE PROVIDED WITH THE SAME

Title (de)

ANORDNUNG ZUM SCHNEIDEN UND AUSWERFEN DER SCHNITTABFÄLLE, EINHEIT UND SO AUSGESTATTETE MASCHINE

Title (fr)

AGENCEMENT DE DÉCOUPE ET D'ÉJECTION DES DÉCHETS, UNITÉ ET MACHINE AINSI ÉQUIPÉE

Publication

EP 2964434 A1 20160113 (FR)

Application

EP 14709547 A 20140305

Priority

- EP 13001173 A 20130308
- EP 2014000560 W 20140305
- EP 14709547 A 20140305

Abstract (en)

[origin: WO2014135276A1] An arrangement for cutting off and ejecting waste from a planar support (3), comprises: - a first rotating cylindrical tool for ejecting waste (16), the surface of which is provided with at least one radial waste-retaining needle, - a second rotating cylindrical tool (17), - first and second side bearings (26, 27), holding the first tool (16) for rotation, - third and fourth side bearings (29, 31), holding the second tool (17) for rotation, and - at least one ejector (39), the two tools (16, 17) and the ejector (39) being arranged and cooperating together to eject the waste from the support (3). The arrangement comprises means (43) for securing the ejector (39), fixed transversely to a lower portion of the first and second bearings (26, 27) respectively.

IPC 8 full level

B26D 7/18 (2006.01); **B26F 1/38** (2006.01); **B31B 50/16** (2017.01); **B31B 50/20** (2017.01); **B31B 50/25** (2017.01); **B31B 50/72** (2017.01);
B31B 50/88 (2017.01)

CPC (source: EP US)

B26D 7/1836 (2013.01 - EP US); **B26F 1/384** (2013.01 - EP US); **B26D 2007/1809** (2013.01 - EP US)

Citation (search report)

See references of WO 2014135276A1

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)

WO 2014135276 A1 20140912; CN 105163915 A 20151216; CN 105163915 B 20180330; EP 2964434 A1 20160113; EP 2964434 B1 20170531;
ES 2630370 T3 20170821; JP 2016512176 A 20160425; JP 6235047 B2 20171122; KR 101803163 B1 20171129; KR 20150126652 A 20151112;
TW 201446446 A 20141216; TW I600514 B 20171001; US 2016023369 A1 20160128

DOCDB simple family (application)

EP 2014000560 W 20140305; CN 201480024894 A 20140305; EP 14709547 A 20140305; ES 14709547 T 20140305;
JP 2015560583 A 20140305; KR 20157027448 A 20140305; TW 103107614 A 20140306; US 201414773411 A 20140305