

Title (en)
CRUMBER FOR TRENCHER

Title (de)
GRABENREINIGUNGSVORRICHTUNG FÜR GRABENFRÄSE

Title (fr)
APPAREIL POUR ÉMIETTER POUR TRANCHEUSE

Publication
EP 3140461 A4 20180314 (EN)

Application
EP 15789841 A 20150506

Priority
• AU 2014901684 A 20140507
• AU 2015050217 W 20150506

Abstract (en)
[origin: WO2015168737A1] A crumber for a trencher machine, the crumber comprising a crumber mount (12) for mounting to a crumber boom (11), and a crumber arm (14), the crumber arm (14) being mounted to the crumber mount (12) by a linkage, the linkage comprising a first linkage arm (20) and a second linkage arm (22), the linkage being arranged to allow rotation of at least one of the linkage arms of at least 75°. The crumber mount (12) has at least one edge or surface that is of complementary shape to an edge or surface of the crumber arm (14), wherein the least one edge or surface of the crumber mount and the complementary edge or surface of the crumber arm abut on each other when the crumber arm is in a lowermost position. In this manner, the crumber arm is supported along an extended length when in the lowermost position.

IPC 8 full level
E02F 3/76 (2006.01); **E02F 3/36** (2006.01); **E02F 5/06** (2006.01); **E02F 5/14** (2006.01); **E02F 9/00** (2006.01)

CPC (source: EP US)
E02F 5/06 (2013.01 - EP US); **E02F 5/14** (2013.01 - EP US); **E02F 3/369** (2013.01 - EP)

Citation (search report)
• [X] US 4483084 A 19841120 - CALDWELL ROBERT H [US], et al
• [X] US 3570152 A 19710316 - SCHUERMANN KENNETH W, et al
• [X] US 6249993 B1 20010626 - ARMSTRONG ERIC A [US], et al
• [A] US 7562718 B1 20090721 - MOORMAN SCOTT [US], et al
• [A] US 4827636 A 19890509 - EMMING JOSEPH L [US]
• [A] US 8287226 B1 20121016 - WESTENDORF NEAL W [US], et al
• See references of WO 2015168737A1

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 2015168737 A1 20151112; AU 2015255633 A1 20160922; EP 3140461 A1 20170315; EP 3140461 A4 20180314;
US 2017067225 A1 20170309

DOCDB simple family (application)
AU 2015050217 W 20150506; AU 2015255633 A 20150506; EP 15789841 A 20150506; US 201515309089 A 20150506