

Title (en)
FIXED KNIFE ASSEMBLY

Title (de)
FESTE MESSERANORDNUNG

Title (fr)
ENSEMBLE COUTEAU FIXE

Publication
EP 3235571 A1 20171025 (EN)

Application
EP 16166441 A 20160421

Priority
EP 16166441 A 20160421

Abstract (en)
A knife assembly for a size reduction machine, such as a shredder or a granulator (1) includes a rotor (4), wherein a knife (10) is fixed on a seat (13) and arranged for cooperation with a number of knives (9) on the rotor (4). The fixed knife (10) is planar with a general plane of extension. The fixed knife (10) is held by at least two knife holders (15), which are arranged to displace the knife (10) in a direction which is approximately parallel with its plane of extension.

IPC 8 full level
B02C 18/18 (2006.01)

CPC (source: EP)
B02C 18/186 (2013.01); **B02C 2018/188** (2013.01)

Citation (search report)

- [XA] US 5195685 A 19930323 - DUMAINE THOMAS J [US]
- [X] US 3897016 A 19750729 - SHAH SUNIL CHUNILAL
- [X] US 2830770 A 19580415 - DE LUCA MICHAEL F
- [XA] US 2009045276 A1 20090219 - BECKER UDO [DE], et al
- [XA] DE 202005013719 U1 20060302 - KNORR VOLKER [DE]
- [XA] US 5775608 A 19980707 - DUMAINE THOMAS J [US], et al
- [A] US 5209278 A 19930511 - CARPENTER CHARLES T [US], et al

Cited by
CN112156867A; EP4316664A1; WO2024028008A1

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)
EP 3235571 A1 20171025; EP 3235571 B1 20181128; PL 3235571 T3 20190531

DOCDB simple family (application)
EP 16166441 A 20160421; PL 16166441 T 20160421