Title (en)
FEEDER SYSTEM

Title (de)
ZUFÜHRERSYSTEM

Title (fr)
SYSTÈME D'ALIMENTATION

Publication
EP 3395470 A1 20181031 (EN)

Application
EP 17275061 A 20170428

Priority
EP 17275061 A 20170428

Abstract (en)
Provided is a two-part feeder system comprising a body and a base for use in metal casting operations utilising casting moulds. The base comprises a first connection region, and the body comprises a second connection region. One of the first and second connection regions has a radially outer surface comprising at least one curved section, and the other of the first and second connection regions has a radially inner surface comprising at least one curved section. When one of the first and second connection regions is received within the other, the base and the body are relatively rotatable from an unlocked position to a locked position in which an area of contact between the first connection region and the second connection region extends over at least a part of the outer and inner curved sections, thereby providing a friction lock.

IPC 8 full level
B22C 9/08 (2006.01)

CPC (source: EP)
B22C 9/088 (2013.01)

Citation (applicant)
- EP 1184104 A1 20020306 - CHEMEX GMBH [DE]
- US 5158217 A 19921027 - HUMINSKY DONALD D [US], et al
- "Foseco Ferrous Foundryman's Handbook"

Citation (search report)
- [YDA] EP 1184104 A1 20020306 - CHEMEX GMBH [DE]
- [YDA] US 5158217 A 19921027 - HUMINSKY DONALD D [US], et al
- [Y] EP 2982458 A1 20160210 - HÜTTENES ALBERTUS CHEMISCHE WERKE GMBH [DE], et al
- [A] DE 102008009730 A1 20090820 - LUENGEN GMBH AS [DE]
- [A] DE 9303392 U1 19940303 - CHEMEX GMBH [DE]
- [A] DE 4200183 A1 19920716 - KUEHN ERICH [DE]

Cited by
CN113474103A

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)
DE 202017103989 U1 20170911; EP 3395470 A1 20181031; EP 3395470 B1 20210602; ES 2876233 T3 20211112; PL 3395470 T3 20211122; SI 3395470 T1 20210831

DOCDB simple family (application)
DE 202017103989 U 20170704; EP 17275061 A 20170428; ES 17275061 T 20170428; PL 17275061 T 20170428; SI 201730832 T 20170428