

Title (en)
Rotary shear pin coupling.

Title (de)
Scherstiftdrehkupplung.

Title (fr)
Accouplement de sécurité rotatif à boulons de cisaillement.

Publication
EP 0000212 A1 19790110 (EN)

Application
EP 78200020 A 19780601

Priority
NL 7706801 A 19770621

Abstract (en)
A shear pin coupling comprises a first coupling member (2) and a second coupling member (4), which members in normal operation are interconnected by a first shear pin (36A). Fracture of that first shear pin (36A) due to overload of the coupling permits a relative rotation of the two coupling members (2, 4). A second shear pin (36) is provided, which after fracture of the first shear pin (36A), is displaceable in a direction laterally of its length to re-establish the interconnection between the two coupling members (2, 4).

IPC 1-7
F16D 9/00

IPC 8 full level
F16D 9/10 (2006.01)

CPC (source: EP)
F16D 9/10 (2013.01)

Citation (search report)

- [X] DE 1090975 B 19601013 - GELENKWELLENBAU GMBH
- [X] US 3049898 A 19620821 - VOTH DONALD E
- DE 1140770 B 19621206 - BODENBEARBEITUNGSGERAETE VEB

Cited by
EP2302244A1; EP2060814A4; EP3828431A1

Designated contracting state (EPC)
NL

DOCDB simple family (publication)
EP 0000212 A1 19790110; EP 0000212 B1 19810225; DE 2826334 A1 19790111; FR 2395427 A1 19790119; NL 7706801 A 19781227

DOCDB simple family (application)
EP 78200020 A 19780601; DE 2826334 A 19780616; FR 7817731 A 19780614; NL 7706801 A 19770621