

Title (en)  
DRIVE WITH COUPLING MEANS

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Application  
**EP 87118099 A 19871208**

Priority  
DE 3702252 A 19870127

Abstract (en)  
[origin: EP0276422A2] The invention relates to a drive (1) with a coupling for a working tool (11, 25), in which, in the position of rest, a plunger (3) projects into a chuck (9) and the working tool has a flange (13) complementary with the chuck. <IMAGE>

IPC 1-7  
**B25F 3/00**; **B21D 41/02**; **B25B 27/00**; **B25B 27/02**; **B25F 5/00**

IPC 8 full level  
**B25B 27/00** (2006.01); **B25B 27/02** (2006.01); **B25B 27/10** (2006.01); **B25F 5/00** (2006.01)

CPC (source: EP)  
**B25B 27/00** (2013.01); **B25B 27/02** (2013.01); **B25B 27/10** (2013.01); **B25F 5/001** (2013.01)

Citation (search report)

- [X] DE 2012134 A1 19701001
- [X] FR 2154974 A6 19730518 - LIBAUD BERNARD EXPL ATEL
- [X] CH 384501 A 19641115 - HYDRODYN AG [CH]
- [X] CA 1094301 A 19810127 - BAUER WOLFGANG, et al
- [XP] CA 1222649 A 19870609 - CHURCH PAT
- [XP] DE 8711168 U1 19871015
- [Y] DE 8201741 U1 19870122
- [Y] FR 2315335 A1 19770121 - PARKER HANNIFIN RAK SA [FR]
- [A] EP 0176167 A1 19860402 - BPS INC [US]
- [A] US 4088008 A 19780509 - WATLING LEIGHTON HARVEY, et al
- [A] GB 2016964 A 19791003 - LAEIS WERKE AG
- [A] EP 0133952 A1 19850313 - ROTHENBERGER GMBH CO [DE]
- [A] GB 419700 A 19341116 - MARX & TRAUBE G M B H
- [A] GB 465451 A 19370507 - BREEZE CORP
- [A] FR 2491743 A1 19820416 - SCHMIDBAUER KG ELMA HANS [DE]

Cited by  
CN106015239A; EP0362415A1

Designated contracting state (EPC)  
BE ES FR GB IT NL

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