

Title (en)

INSERTING DEVICE FOR AXIAL SECURITY RINGS

Publication

EP 0157295 A3 19860416 (DE)

Application

EP 85103247 A 19850320

Priority

DE 3412428 A 19840403

Abstract (en)

[origin: EP0157295A2] Device for inserting an axial security ring on a bolt, having an insertion head extending substantially in the insertion direction, a feed channel of oval or rectangular cross-section being provided, through which the axial security ring is conveyed into the insertion head, and an insertion slide, moving in the insertion direction, being provided, by means of which the axial security ring situated in the insertion head is pushed onto the bolt. <IMAGE>

IPC 1-7

B25B 27/20

IPC 8 full level

B25B 27/20 (2006.01); **B25B 31/00** (2006.01)

CPC (source: EP)

B25B 27/20 (2013.01); **B25B 31/00** (2013.01)

Citation (search report)

- [Y] DE 1728463 A1 19730215 - CLYDE CORP
- [Y] US 3785037 A 19740115 - ERDMANN H
- [AD] DE 3120545 A1 19821223 - SPRINGFIX BEFESTIGUNGSTECHNIK [DE]
- [A] FR 2044418 A5 19710219 - US COMPONENTS INC
- [A] GB 666917 A 19520220 - RICHARD ERNEST POWERS, et al
- [Y] MACHINERY, vol. 10, Juni 1964, Seiten 122-127,155, New York, US; "Design and production with retaining rings"

Cited by

FR3002089A1; EP1916065A1

Designated contracting state (EPC)

BE DE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0157295 A2 19851009; EP 0157295 A3 19860416; DE 3412428 A1 19851003; ES 541801 A0 19860516; ES 8606806 A1 19860516

DOCDB simple family (application)

EP 85103247 A 19850320; DE 3412428 A 19840403; ES 541801 A 19850401