

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)

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- [Y] US 3785037 A 19740115 - ERDMANN H
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- [A] FR 2044418 A5 19710219 - US COMPONENTS INC
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- [Y] MACHINERY, vol. 10, Juni 1964, Seiten 122-127,155, New York, US; "Design and production with retaining rings"

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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