

Title (en)
DEVICE FOR INSTALLING AN ELASTIC SEALING RING WITH A SUPPORT RING

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EP 0137907 A3 19861203 (DE)

Application
EP 84106638 A 19840609

Priority
DE 3336188 A 19831005

Abstract (en)
[origin: EP0137907A2] A device for installing an elastic sealing ring with a support ring in a groove, for example a pipe connecting sleeve, having a sleeve holder and a sealing ring magazine which supplies sealing rings and has a singling device is distinguished by a sealing ring guide part, situated on the dispensing side of the singling device, having a guide track which aligns, in extension of a connecting sleeve held in the sleeve holder, with the connecting sleeve, by a drag ram which has a sealing ring pressure head, can be advanced along the guide track as far as the connecting sleeve and at the same time drags the sealing ring released by the magazine to the guide part as far as the region of the groove in the connecting sleeve, and by an insertion ram which can be advanced following the drag ram and has an external diameter which is approximately the same as the internal diameter of the connecting sleeve. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
B25B 27/0028 (2013.01)

Citation (search report)

- [X] NL 275549 A
- [A] US 4368894 A 19830118 - PARMANN GUNNAR [NO]
- [A] DE 2551363 A1 19770526 - MERKEL KG MARTIN
- [A] DE 3041260 A1 19820513 - DAIMLER BENZ AG [DE]
- [A] US 3861020 A 19750121 - MOEWE CLINTON F
- [A] GB 1072949 A 19670621 - AGA PLATFORADLING AKTIEBOLAG
- [A] DE 1222331 C

Cited by
US4845822A; US6012209A; US5956830A; US5862578A; CN105870475A; CN107543501A; DE10204733A1; US6108884A; CN109571348A; EP0419427A3; US5083354A; CN105762306A; DE4100045C1; EP2444198A1; ITRA20100030A1; WO8704105A1; WO9841364A1; US6397446B1; US6408497B1

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