

Title (en)

Rivet supply device

Title (de)

Nietbereitstellungseinrichtung

Title (fr)

Dispositif d'alimentation en rivets

Publication

EP 2460602 B1 20190313 (DE)

Application

EP 11180858 A 20110912

Priority

DE 102010053221 A 20101203

Abstract (en)

[origin: EP2460602A1] The rivet provision device (R) comprises rivet input (25a) from which rivet element in rivet storage unit (24) is delivered to rivet output (25). The rivet storage unit comprises several interchangeable rivet cassettes (26) with output flanges. A transfer carriage moves along the rivet cassettes in stacking direction, for passing rivet from rivet input to rivet output. Independent claims are included for the following: (1) arrangement of rivet provision devices; and (2) method for operating arrangement of rivet provision devices.

IPC 8 full level

B21J 15/32 (2006.01); **B23P 19/00** (2006.01)

CPC (source: EP US)

B21J 15/32 (2013.01 - EP US)

Cited by

EP4382225A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2460602 A1 20120606; EP 2460602 B1 20190313; CN 102554101 A 20120711; CN 102554101 B 20160413;
DE 102010053221 A1 20120606; US 2012138624 A1 20120607

DOCDB simple family (application)

EP 11180858 A 20110912; CN 201110403087 A 20111202; DE 102010053221 A 20101203; US 201113290306 A 20111107