

Title (en)  
STEEL STRIP PACKAGING MACHINE WHICH MAY STAGGEREDLY SHEAR STEEL STRIPS AND STEEL STRIP PACKAGING METHOD

Title (de)  
STAHLBANDVERPACKUNGSMASCHINE MIT VERSETZTER SCHERUNG VON STAHLBÄNDERN UND  
STAHLBANDVERPACKUNGSVERFAHREN

Title (fr)  
MACHINE D'EMBALLAGE À BANDES D'ACIER POUVANT DÉCOUPER DE MANIÈRE DÉCALÉE DES BANDES D'ACIER, ET PROCÉDÉ  
D'EMBALLAGE À BANDE D'ACIER

Publication  
**EP 3578469 A1 20191211 (EN)**

Application  
**EP 18747501 A 20180130**

Priority  
• CN 201710066256 A 20170206  
• CN 2018074563 W 20180130

Abstract (en)  
A steel strip packaging machine which may staggeredly shear steel strips and a steel strip packaging method, the steel strip packaging machine comprising: a first knife seat (1) and a second knife seat (2), wherein the first knife seat (1) may move along an axial direction, and the first knife seat (1) is provided with a first knife die (11) and a shear blade (12), while the second knife seat (2) is provided with a second knife die (21) which matches the first knife die (11); further comprised is a strip guiding component, the strip guiding part being arranged against the shear blade (12), wherein a steel strip (3) may pass through the strip guiding component and bind goods to be bundled, and a gap for rewinding the steel strip which binds the goods to be bundled is provided between the strip guiding component and the second knife seat (2). The steel strip packaging machine which may staggeredly shear steel sheets may cut steel strips while only requiring light pressing force.

IPC 8 full level  
**B65B 13/30** (2006.01); **B65B 13/04** (2006.01)

CPC (source: CN EP)  
**B26D 1/045** (2013.01 - EP); **B26D 5/12** (2013.01 - EP); **B65B 13/02** (2013.01 - EP); **B65B 13/04** (2013.01 - CN); **B65B 13/18** (2013.01 - CN); **B65B 13/185** (2013.01 - EP); **B65B 61/06** (2013.01 - CN); **B26D 2001/0066** (2013.01 - EP)

Cited by  
EP4382438A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3578469 A1 20191211**; **EP 3578469 A4 20201216**; CN 106742176 A 20170531; CN 106742176 B 20230425; WO 2018141239 A1 20180809

DOCDB simple family (application)  
**EP 18747501 A 20180130**; CN 201710066256 A 20170206; CN 2018074563 W 20180130