

Title (en)  
WEDGE DRIVE

Title (de)  
KEILTRIEB

Title (fr)  
MÉCANISME À CLAVETTE

Publication  
**EP 3393693 B1 20201014 (DE)**

Application  
**EP 16819086 A 20161221**

Priority  
• DE 202015106966 U 20151221  
• EP 2016082204 W 20161221

Abstract (en)  
[origin: WO2017108968A1] The invention relates to a wedge drive (1) for redirecting a vertical press force into a horizontal, linear working motion, the wedge drive (1) comprising a slide element (2), a driving element (4), and a slide-element holder (3), wherein the slide element (2) is arranged vertically between the driving element (4) and the slide-element holder (3), wherein the slide element (2) and the slide-element holder (3) are designed as two guide elements (2, 3), on which a sliding plate formation (5, 6, 7) is arranged, wherein the sliding plate formation is comprised by a guide device, which is designed to linearly guide the slide element (2) along the slide-element holder (3) in a sliding direction (X).

IPC 8 full level  
**B21D 28/32** (2006.01); **B30B 1/40** (2006.01)

CPC (source: EP KR US)  
**B21D 28/325** (2013.01 - EP KR US); **B30B 1/40** (2013.01 - EP KR US)

Citation (examination)  
US 6250177 B1 20010626 - SASAHARA TADASHI [JP]

Cited by  
DE102022108067B3; WO2017108968A1

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)  
**DE 202015106966 U1 20160128**; BR 112018012375 A2 20181204; CN 108430664 A 20180821; CN 108430664 B 20201229; EP 3393693 A1 20181031; EP 3393693 B1 20201014; ES 2841575 T3 20210708; KR 102142201 B1 20200806; KR 20180097617 A 20180831; MX 2018007665 A 20190704; US 2018369893 A1 20181227; WO 2017108968 A1 20170629

DOCDB simple family (application)  
**DE 202015106966 U 20151221**; BR 112018012375 A 20161221; CN 201680075123 A 20161221; EP 16819086 A 20161221; EP 2016082204 W 20161221; ES 16819086 T 20161221; KR 20187019448 A 20161221; MX 2018007665 A 20161221; US 201616063997 A 20161221