

Title (en)
movable slide element for a wedge drive and wedge drive with such movable slide element

Title (de)
Schieberelement für einen Keiltrieb und Keiltrieb mit solchem Schieberelement

Title (fr)
élément de translation mobile et transmission par clavette avec un tel élément de translation mobile

Publication
EP 2197660 B1 20150909 (DE)

Application
EP 08715674 A 20080131

Priority
• EP 2008000742 W 20080131
• DE 102007045703 A 20070924

Abstract (en)
[origin: WO2009039895A1] In the case of a wedge drive (1) with a slide element receptacle (2), a movable slide element (3) and a driver element (5), wherein sliding surfaces (301, 302) are provided between the slide element (3) and the driver element (5), a dovetail-like or prismatic guiding device (6) is provided between the slide element (3) and the slide element receptacle (2).

IPC 8 full level
B21D 28/32 (2006.01); **B21D 19/08** (2006.01); **B30B 1/40** (2006.01)

CPC (source: EP)
B21D 19/084 (2013.01); **B30B 1/40** (2013.01)

Citation (examination)
• US 5487296 A 19960130 - GERHART ROLAND T [US], et al
• US 5884521 A 19990323 - FIDZIUKIEWICZ ERICH D [US]
• US 2006056746 A1 20060316 - FIDZIUKIEWICZ ERICH D [US]
• EP 1063030 A2 20001227 - UMIK CO LTD [JP]

Citation (opposition)
Opponent : voestalpine Stahl GmbH
• FR 2421030 A1 19791026 - ROWE HOWARD [GB]
• DE 2912159 C2 19880331
• US 5487296 A 19960130 - GERHART ROLAND T [US], et al
• EP 1063030 A2 20001227 - UMIK CO LTD [JP]
• WO 0002680 A1 20000120 - LAMINA INC [US]
• US 5884521 A 19990323 - FIDZIUKIEWICZ ERICH D [US]
• DE 2439217 A1 19760304 - LANGENSTEIN & SCHEMANN AG
• VDI-NORM 3357, 1 June 1995 (1995-06-01), XP055289413
• VW/AUDI BETRIEBSMITTELNORM 39 D 952, 17 May 2016 (2016-05-17), XP055289414
• IS : 10941-1984 „SIZES FOR DOVETAIL GUIDEWAYS FOR MACHINE TOOLS

Cited by
FR3076475A1; DE202022104415U1; DE102022108067B3; DE102022117325B3; WO2024012719A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009039895 A1 20090402; BR PI0817324 A2 20150324; BR PI0817324 B1 20191112; CA 2700576 A1 20090402; CA 2700576 C 20121120; CN 101848805 A 20100929; CN 101848805 B 20141112; DE 102007045703 A1 20090409; EP 2197660 A1 20100623; EP 2197660 B1 20150909; ES 2553582 T3 20151210; JP 2010540249 A 20101224; JP 5230743 B2 20130710; KR 101230185 B1 20130206; KR 20100046062 A 20100504; MX 2010003031 A 20120120; PL 2197660 T3 20160429; RU 2010114863 A 20111110; RU 2461463 C2 20120920; UA 97863 C2 20120326

DOCDB simple family (application)
EP 2008000742 W 20080131; BR PI0817324 A 20080131; CA 2700576 A 20080131; CN 200880114991 A 20080131; DE 102007045703 A 20070924; EP 08715674 A 20080131; ES 08715674 T 20080131; JP 2010525212 A 20080131; KR 20107006463 A 20080131; MX 2010003031 A 20080131; PL 08715674 T 20080131; RU 2010114863 A 20080131; UA A201004864 A 20080131