

Title (en)
UNDERCARRIAGE FOR A PLATFORM TROLLEY

Title (de)
UNTERGESTELL FÜR EINEN PLATTFORMWAGEN

Title (fr)
CHÂSSIS POUR UN CHARIOT À PLATE-FORME

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Application
EP 18728128 A 20180529

Priority
• AT 504532017 A 20170531
• EP 2018064078 W 20180529

Abstract (en)
[origin: WO2018219955A1] The invention relates to an undercarriage (1) for a platform trolley comprising: two head pieces (2a, 2b), each with a buffer plate (3a, 3b) for the arrangement of at least one buffer (4); a longitudinal member (5) connecting the two head pieces (2a, 2b), which longitudinal member defines a loading surface (6) for the arrangement of containers and extends along a central longitudinal axis (7), wherein the longitudinal member (5) comprises a preferably one-piece upper flange (8) and a preferably one-piece lower flange (9), which are arranged substantially one above the other and at their ends are connected to one another and to the head pieces (2a, 2b) via preferably one-piece longitudinal webs (10a, 10b, 10c, 10d).

IPC 8 full level
B61F 1/02 (2006.01)

CPC (source: AT EP RU)
B61F 1/02 (2013.01 - AT EP RU); **B61F 1/10** (2013.01 - RU)

Citation (opposition)
Opponent : DEUTSCHE BAHN AG
DE 4440425 A1 19960509 - GOERLITZ WAGGONBAU GMBH [DE], et al
Opponent : Deutsche Bahn AG,
• EP 2837542 A1 20150218 - WANEK-PUSSET PETER [AT], et al
• CN 104057968 A 20140924 - QIQIHAR RAILWAY ROLLING STOCK
• DE 2903249 A1 19800807 - RINGFEDER GMBH
• US 1097800 A 19140526 - HAMILTON KARL M [US]
• DE 202016104134 U1 20160919 - WBN WAGGONBAU NIESKY GMBH [DE]
• US 1078312 A 19131111 - SCOTT GEORGE W [US]
• "Ecofret- a new kind container wagon", ON-LINE THE NEWSLETTER OF VTG RAIL UK LTD, 2011, XP055908464
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Opponent : VTG Rail Europe GmbH
• WO 2018219955 A1 20181206 - RAIL CARGO WAGON AUSTRIA GMBH [AT]
• AT 504532017 A 20170531
• DE 202016104134 U1 20160919 - WBN WAGGONBAU NIESKY GMBH [DE]
• DE 1919179 A1 19701022 - RHEINSTAHL SIEGENER EISENBAHN
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• GB 2283219 A 19950503 - TRANSTECH LTD OY [FI]
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• US 1038753 A 19120917 - HOWARD CLARENCE H [US]
• US 1659361 A 19280214 - HARBISON CLARENCE B

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WO 2018219955 A1 20181206; AT 520110 A1 20190115; AT 520110 B1 20190815; CN 111032474 A 20200417; CN 111032474 B 20220325; EP 3630573 A1 20200408; EP 3630573 B1 20210623; EP 3630573 B2 20240703; HU E055723 T2 20211228; PL 3630573 T3 20211220; RU 2019143707 A 20210630; RU 2019143707 A3 20210908; RU 2759684 C2 20211116; SI 3630573 T1 20211130

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