

Title (en)
TRAIN COUPLER ADAPTER AND TRAIN

Title (de)
ZUGKUPPLUNGSADAPTER UND ZUG

Title (fr)
ADAPTATEUR DE COUPLEUR DE TRAIN ET TRAIN

Publication
EP 3656638 A1 20200527 (EN)

Application
EP 18207565 A 20181121

Priority
EP 18207565 A 20181121

Abstract (en)
Train coupler adapter for connecting a coupler of a first geometry with a draw hook coupler, whereby the adapter has a front section with an interface suitable to couple with a coupler of a first geometry, a rear section with an opening suitable for the tip of the hook of the draw hook coupler to be inserted into, a safety bracket at the rear section that has a traversing section that is positioned beneath the opening and traverses over the opening, whereby the safety bracket has a first arm arranged on one side of the rear section, whereby a first part of the first arm is attached to the rear section in a manner that allows a second part of the first arm to swivel relative to the rear section, a second arm arranged on the opposite side of the rear section relative to that side, on which the first arm is arranged, whereby a first part of the second arm is attached to the rear section in a manner that allows a second part of the second arm to swivel relative to the rear section, the traversing section being connected to the second part of the first arm and the second part of the second arm, whereby a blocking element is provided that limits the swivel angle of the first arm and limits the swivel angle of the second arm, whereby the blocking element has a first part that is connected to the traversing section and/or the second part of the first arm and/or the second part of the second arm and a second part that is connected to the front section or the rear section.

IPC 8 full level
B61G 1/36 (2006.01); **B61G 5/04** (2006.01)

CPC (source: EP)
B61G 1/36 (2013.01); **B61G 5/04** (2013.01)

Citation (applicant)
• EP 2384948 A1 20111109 - VOITH PATENT GMBH [DE]
• WO 2015162122 A1 20151029 - VOITH PATENT GMBH [DE]

Citation (search report)
• [AD] WO 2015162122 A1 20151029 - VOITH PATENT GMBH [DE]
• [AD] EP 2384948 A1 20111109 - VOITH PATENT GMBH [DE]

Cited by
CN116648396A; WO2022173348A1; WO2022260581A1

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

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