

Title (en)  
UNLOCKING DEVICE

Title (de)  
ENTRIEGELUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE DEVERROUILLAGE

Publication  
**EP 2486207 B1 20141210 (DE)**

Application  
**EP 10724331 A 20100505**

Priority  
• DE 102009048983 A 20091009  
• EP 2010056106 W 20100505

Abstract (en)  
[origin: WO2011042220A1] The invention relates to an unlatching device (20) for public transportation vehicles, comprising a deflection rocker (4) connected to a first rotatable shaft (6), said deflection rock being connected by means of a connecting element (5), to an unlocking element of a lock and being provided with a projecting driving pin (11), and further comprising an actuating lever (8), which is mounted on the first shaft (6) and rotatable about the first shaft (6), and a cam wheel (1) connected to a second rotatable shaft (7), said cam wheel meshing with the deflection rocker (4). A rotation of the cam wheel (1) causes a pivoting of the deflection rocker (4), and thus a movement of the connecting element (5) and unlocking of the lock. Rotating the actuating lever (8) causes the actuating lever (8) to come in contact with the driving pin (11), and to catch said driving pin and during further rotation also the deflection rocker (4), whereby the connecting element (5) is moved and the lock unlocked.

IPC 8 full level  
**E05B 81/14** (2014.01); **E05B 85/00** (2014.01)

CPC (source: EP US)  
**E05B 81/14** (2013.01 - EP US); **E05B 85/01** (2013.01 - EP US); **Y10T 292/1062** (2015.04 - EP US); **Y10T 292/1077** (2015.04 - EP US)

Cited by  
DE202016002813U1; DE102019107125A1; WO2017191330A1; WO2017198254A1

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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2011042220 A1 20110414**; CN 102782236 A 20121114; CN 102782236 B 20141210; EP 2486207 A1 20120815; EP 2486207 B1 20141210; ES 2528634 T3 20150211; MX 2012004013 A 20120730; PL 2486207 T3 20150430; RU 2012118611 A 20131120; RU 2516801 C2 20140520; US 2012235426 A1 20120920; US 9085921 B2 20150721

DOCDB simple family (application)  
**EP 2010056106 W 20100505**; CN 201080045384 A 20100505; EP 10724331 A 20100505; ES 10724331 T 20100505; MX 2012004013 A 20100505; PL 10724331 T 20100505; RU 2012118611 A 20100505; US 201013500340 A 20100505