

Title (en)

SANDING DEVICE AND METHOD FOR BLOWING SAND INTO A GAP BETWEEN A RAIL AND A WHEEL OF A RAIL VEHICLE

Title (de)

SANDUNGSVORRICHTUNG UND VERFAHREN ZUM EINBLASEN VON SAND IN EINEN SPALT ZWISCHEN EINER SCHIENE UND EINEM RAD EINES SCHIENENFAHRZEUGS

Title (fr)

DISPOSITIF DE SABLAGE ET PROCÉDÉ D'INJECTION DE SABLE PAR SOUFFLAGE DANS UNE FENTE ENTRE UN RAIL ET UNE ROUE D'UN VÉHICULE FERROVIAIRE

Publication

**EP 3049302 B1 20200115 (DE)**

Application

**EP 14772355 A 20140925**

Priority

- DE 102013016143 A 20130927
- EP 2014070441 W 20140925

Abstract (en)

[origin: WO2015044245A1] The invention relates to a sanding device (102) for blowing sand (110) into a gap between a rail (106) and a wheel (104) of a rail vehicle (100), wherein the sanding device (102) comprises a nozzle (108) which is designed to dispense a variable amount of sand and an arrangement for setting (112) a discharge angle ( $\alpha$ ) of the nozzle (108) in response to a speed of the rail vehicle (100), the discharge angle ( $\alpha$ ) of the nozzle (108) being movably adjustable out of a plane of the wheel (104) and the rail (106) in order to blow sand (110) into the gap between the rail (106) and the wheel (104).

IPC 8 full level

**B61C 15/10** (2006.01)

CPC (source: EP)

**B61C 15/102** (2013.01); **B61C 15/107** (2013.01)

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)

**WO 2015044245 A1 20150402**; DE 102013016143 A1 20150402; EP 3049302 A1 20160803; EP 3049302 B1 20200115

DOCDB simple family (application)

**EP 2014070441 W 20140925**; DE 102013016143 A 20130927; EP 14772355 A 20140925