

Title (en)

PNEUMATIC SAND CONVEYING DEVICE FOR A SANDING SYSTEM OF A RAIL VEHICLE, SANDING SYSTEM, AND METHOD FOR OPERATING A PNEUMATIC SAND CONVEYING DEVICE

Title (de)

PNEUMATISCHE SANDFÖRDEREINRICHTUNG FÜR EIN SANDUNGSSYSTEM EINES SCHIENENFAHRZEUGS, SANDUNGSSYSTEM UND VERFAHREN ZUM BETREIBEN EINER PNEUMATISCHEN SANDFÖRDEREINRICHTUNG

Title (fr)

DISPOSITIF DE TRANSPORT DE SABLE PNEUMATIQUE POUR UN SYSTÈME DE SABLAGE D'UN VÉHICULE DE CHEMIN DE FER, SYSTÈME DE SABLAGE, ET PROCÉDÉ DE FONCTIONNEMENT D'UN DISPOSITIF DE TRANSPORT DE SABLE PNEUMATIQUE

Publication

**EP 4204272 A1 20230705 (DE)**

Application

**EP 21772719 A 20210830**

Priority

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- EP 2021073867 W 20210830

Abstract (en)

[origin: CA3192026A1] A pneumatic sand conveying device (100) for a sanding system (500) of a rail vehicle comprises an obstacle device (105) which is fluidically coupled to a sand input (200) for receiving sand from a sand storage container (505), the obstacle device (105) being shaped to form an obstacle between the sand input (200) and a mixing device (110) fluidically coupled to the obstacle device (105). In addition, the sand conveying device (100) has the mixing device (110) for receiving and forwarding sand from the obstacle device (105) by means of compressed air and a discharge device (115) fluidically coupled to the mixing device (110) to dispense the sand from the sand conveying device (100) through a sand outlet (203). The obstacle device (105), the mixing device (110) and the discharge device (115) are arranged in a horizontal plane when the sand conveying device (100) is in a state (140) ready for operation.

IPC 8 full level

**B61C 15/10** (2006.01)

CPC (source: EP US)

**B61C 15/10** (2013.01 - EP); **B61C 15/102** (2013.01 - US)

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