

Title (en)  
SWITCH HEATING VALIDATION SYSTEM

Title (de)  
WEICHENHEIZUNG VALIDIERUNGSSYSTEM

Title (fr)  
SYSTÈME DE VALIDATION DE CHAUFFAGE DE COMMUTATEUR FERROVIAIRE

Publication  
**EP 3854940 A1 20210728 (EN)**

Application  
**EP 21152983 A 20210122**

Priority  
NL 2024757 A 20200124

Abstract (en)  
Switch heating validation system for validating the operating state of a railway switch heating system 16, 18 for heating a railway switch 10, the switch heating validation system comprising: sensor unit 17 which is configured for fixing to a rail or a switch tip of the railway switch, for measuring a momentary temperature of the railway switch; a control interface 19 configured for communication with a control unit of the railway switch heating system, for establishing the operating state of the railway switch heating system which defines whether one or more heating units 16 of the railway switch heating system are activated or deactivated; and a communication unit configured for transmitting the momentary temperature and the operating state of the railway switch heating system to a remotely located central processing unit, wherein the switch heating validation system validates the operating state of the railway switch heating system on the basis of the established momentary temperature and the establishing, via the control interface, of the activation of the railway switch heating system.

IPC 8 full level  
**E01B 7/24** (2006.01)

CPC (source: EP)  
**E01B 7/24** (2013.01)

Citation (search report)  
• [XYI] DE 19849637 C1 20001005 - ESA ELEKTROSCHALTANLAGEN GRIMM [DE]  
• [Y] WO 2008136743 A1 20081113 - SWEDESAFE MARKETING AB [SE], et al  
• [Y] EP 2720513 A1 20140416 - IFF GMBH [DE]

Cited by  
CN114002524A

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

DOCDB simple family (publication)  
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