Title (en)
RAIL PROFILE MONITORING, E.G. GEOMETRY OF THE FROGS

Title (de)
SCHIENENPROFILÜBERWACHUNG, Z. B. GEOMETRIE DER WEICHENHERZSTÜCKE

Title (fr)
SURVEILLANCE DE PROFIL DE RAIL, PAR EXEMPLE GÉOMÉTRIE DES GRENOUILLES

Publication
EP 3141449 A1 20170315 (EN)

Application
EP 16166281 A 20160420

Priority
NL 2014681 A 20150420

Abstract (en)
Method and system for profile or geometry measurement of a railway object, e.g. rail or switch or turnout component, e.g. frog, by using optical means measuring the object, preferably by triangulation or light sectioning, wherein preferably a correction factor is applied which is dependent from the horizontal and/or vertical oscillating movement of the measuring train and which correction factor is applied to computer calculations for a geometric feature of interest of the measured track object or an associated track object, which correction factor is determined by the use of additional optical means measuring the object.

IPC 8 full level
B61L 23/00 (2006.01); **B61L 23/04** (2006.01)

CPC (source: EP)
B61L 23/045 (2013.01); **B61L 23/047** (2013.01)

Citation (applicant)
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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

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BA ME

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