

Title (en)
TRACK SLEEPER AND SWITCHING GEAR MADE OF COMPOSITE MATERIAL

Title (de)
GLEISSCHWELLE UND SCHALTANLAGE AUS EINEM VERBUNDSTOFF

Title (fr)
TRAVERSE POUR VOIE ET APPAREIL DE VOIE EN MATERIAU COMPOSITE

Publication
EP 2603637 B1 20190925 (FR)

Application
EP 10766079 A 20100811

Priority
FR 2010051696 W 20100811

Abstract (en)
[origin: WO2012020179A1] Sleeper (1) for producing track and switching gear in a composite material, which sleeper is provided with a longitudinal central groove (2), for fastening rail attachments, soleplates, isolators, supports/stops or the like, this sleeper (1) being embedded in a concrete slab and being provided with bolts for fastening a track rail, for example with the interposition of a soleplate and with the use of clips.

IPC 8 full level
E01B 3/44 (2006.01); **E01B 7/22** (2006.01); **B29C 44/22** (2006.01); **B29C 48/09** (2019.01); **E01B 3/30** (2006.01); **E01B 9/28** (2006.01)

CPC (source: EP KR)
E01B 3/44 (2013.01 - EP KR)

Citation (examination)

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- US 2005236494 A1 20051027 - LITTLE MICHAEL R [US], et al
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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

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