

Title (en)
High capacity passenger train set

Title (de)
Zugverband für hohes Passagieraufkommen

Title (fr)
Rame de train à grande capacité de passagers

Publication
EP 2335993 B1 20170301 (EN)

Application
EP 09179876 A 20091218

Priority
EP 09179876 A 20091218

Abstract (en)
[origin: EP2335993A1] The invention relates to a passenger train set comprising a first wagon (103), a second wagon (105) and a third wagon (104), the third wagon (104) being arranged adjacent to and in between the first wagon (103) and the second wagon (105). At least one of the first, second and third wagon (103, 104, 105) is a transport module including passenger transport seating. In a longitudinal direction of the train set, the first wagon (103) has a first length, the second wagon (105) has a second length and the third wagon (104) has a third length, the first length and/or the second length being 105% to 165% of the third length, in particular 120% to 165% of the third length, preferably 130% to 160% of the third length.

IPC 8 full level
B61D 3/10 (2006.01); **B61C 3/00** (2006.01); **B61D 17/04** (2006.01)

CPC (source: EP)
B61C 3/00 (2013.01); **B61D 3/10** (2013.01); **B61D 17/045** (2013.01)

Citation (opposition)
Opponent : Stadler Rail AG
• EP 1967436 A1 20080910 - ALSTOM TRANSPORT SA [FR]
• WO 2009080356 A1 20090702 - BOMBARDIER TRANSP GMBH [DE], et al
• "Die TGV-Familie in Deutschland THALYS und TGV POS", LOK REPORT EUROPAISCHES NACHRICHTENMAGAZIN FÜR EISENBAHNFREUNDE, 7 September 2010 (2010-09-07), pages 1 - 17, XP055407756

Cited by
DE102015215640A1; DE102016201561A1; GB2563541B; EP4032776A1; DE102018106961A1; DE102019203477A1; RU185313U1; EP2808220A1; FR3006274A1; WO2019180226A1; WO2017001169A1; EP3202633A1; EP2543570B1; EP3972883B1; EP3202633B1

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