

Title (en)
PROFILE TRANSITION RAIL AND METHOD FOR PRODUCING SAID RAIL

Title (de)
ÜBERGANGSSCHIENE SOWIE VERFAHREN ZUR HERSTELLUNG DIESER ÜBERGANGSSCHIENE

Title (fr)
RAIL DE RACCORDEMENT ET PROCEDE DE REALISATION ASSOCIE

Publication
EP 1490190 A1 20041229 (DE)

Application
EP 03714526 A 20030404

Priority
• AT 0300099 W 20030404
• AT 5272002 A 20020404

Abstract (en)
[origin: WO03084697A1] The invention relates to a profile transition rail (1) for connecting rails with differing cross-sections (2, 3), which comprises two profile transition zones (a, c). In a first profile transition zone (c) the highest cross-sectional profile is reshaped to have a lower height profile and in the second profile transition zone (a) situated downstream, the rail base is adapted to fit the new profile of the adjoining rail base. Said method for producing the profile transition rail is characterised in that the rail is first heated and introduced into a press mould, whereby the web region of the rail is reshaped and press moulded in the height profile direction and that the final reshaping of the rail base is then completed mechanically.

IPC 1-7
B21K 7/02; B21K 9/00; E01B 11/00

IPC 8 full level
B21K 7/02 (2006.01); **E01B 11/00** (2006.01); **E01B 11/16** (2006.01)

CPC (source: EP US)
B21K 7/02 (2013.01 - EP US); **E01B 11/00** (2013.01 - EP US); **E01B 11/16** (2013.01 - EP US)

Citation (search report)
See references of WO 03084697A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03084697 A1 20031016; AT 412351 B 20050125; AT A5272002 A 20040615; AT E410251 T1 20081015; AU 2003218886 A1 20031020; BR 0308980 A 20050104; CA 2479547 A1 20031016; CA 2479547 C 20081007; DE 50310610 D1 20081120; EP 1490190 A1 20041229; EP 1490190 B1 20081008; HR P20041025 A2 20050228; HR P20041025 B1 20060731; NO 20044778 L 20041103; PL 371184 A1 20050613; US 2005167518 A1 20050804; US 7210636 B2 20070501; ZA 200407419 B 20051130

DOCDB simple family (application)
AT 0300099 W 20030404; AT 03714526 T 20030404; AT 5272002 A 20020404; AU 2003218886 A 20030404; BR 0308980 A 20030404; CA 2479547 A 20030404; DE 50310610 T 20030404; EP 03714526 A 20030404; HR P20041025 A 20041102; NO 20044778 A 20041103; PL 37118403 A 20030404; US 50881704 A 20040922; ZA 200407419 A 20040915