

Title (en)  
Railway traction unit.

Title (de)  
Schienentriebfahrzeug.

Title (fr)  
Engin de traction ferroviaire.

Publication  
**EP 0546952 A1 19930616 (FR)**

Application  
**EP 92403376 A 19921211**

Priority  
FR 9115523 A 19911213

Abstract (en)  
The invention relates to a railway traction unit, the lateral faces (6, 7) of which are made of aluminium and form working structures, each face being capable of consisting of at least one longitudinal extruded aluminium profile, characterised in that, since elements of the structural unit are made of steel, the connections of the lateral faces to these elements are made by means of bimetallic junctions. <IMAGE>

Abstract (fr)  
L'invention concerne un engin de traction ferroviaire dont les faces latérales (6, 7) sont en aluminium et constituent des structures travaillantes, chaque face pouvant être constituée d'au moins un profil longitudinal d'aluminium extrudé, caractérisé en ce que des éléments de la structure de l'engin étant en acier, les liaisons des faces latérales sur ces éléments sont réalisées par des jonctions bimétaux. <IMAGE>

IPC 1-7  
**B61C 17/04**; **B61D 17/04**

IPC 8 full level  
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CPC (source: EP)  
**B61C 17/04** (2013.01); **B61D 17/041** (2013.01)

Citation (search report)  
• [X] EP 0379310 A2 19900725 - HITACHI LTD [JP]  
• [X] FR 1577270 A 19690808  
• [A] FR 2034327 A1 19701211 - CEGEDUR

Cited by  
WO9602413A1; WO03022655A1

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BE DE FR GB IT

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**EP 0546952 A1 19930616**; CA 2085141 A1 19930614; FR 2684947 A1 19930618; FR 2684947 B1 19940325

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