

Title (en)  
TRACTION BEAM FOR RAIL TRAIN, AND TRACTION DEVICE

Title (de)  
ZUGTRÄGER FÜR SCHIENENZUG UND ZUGVORRICHTUNG

Title (fr)  
POUTRE DE TRACTION POUR TRAIN SUR RAILS, ET DISPOSITIF DE TRACTION

Publication  
**EP 4206055 A1 20230705 (EN)**

Application  
**EP 21902716 A 20211210**

Priority  
• CN 202011438180 A 20201210  
• CN 2021137049 W 20211210

Abstract (en)  
A traction beam for a rail train, and a traction device. The traction device comprises the traction beam; the traction beam comprises an intermediate and two ends arranged at the two ends of the intermediate; a pin sleeve hole used for mounting a central pin sleeve is provided on the intermediate; a pull rod hole used for connecting a traction pull rod is provided on each end; the end comprises a main part, the cross-sectional area of the main part shrinking along a length direction of the traction beam; the end, having a larger cross-sectional area, of the main part is connected to the intermediate; a curved part is provided on a side surface of the intermediate; the side surface of the intermediate, by means of the curved surface part thereof, is in smooth transition with a side surface of the main part. The traction beam and the traction device provided by the present application are light in weight and high in structural strength, can fully satisfy bearing requirements, is small in size and small in occupied vertical installation space, and does not affect the arrangement of an anti-side rolling device.

IPC 8 full level  
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CPC (source: CN EP)  
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