

Title (en)  
CAST IRON SLEEPER WITH BUILT-IN RAIL ANCHORS

Publication  
**EP 0334862 B1 19910918 (EN)**

Application  
**EP 87907625 A 19871113**

Priority  
IT 8281886 A 19861117

Abstract (en)  
[origin: WO8803973A1] Rail sleeper (1), directly obtained by cast iron, with built in anchorages (hooks) (2), suitable to be used for tracks locking. Cast anchorages (hooks) (2), built in with the rail sleeper (1), guarantee the locking with no need of fastening movable plates, while ensuring the anticipated gauge already at the casting stage. The adopted material guarantees resistance and non-wearing in the long term.

IPC 1-7  
**E01B 3/44**

IPC 8 full level  
**E01B 3/16** (2006.01); **E01B 3/44** (2006.01)

IPC 8 main group level  
**E01B** (2006.01)

CPC (source: EP KR)  
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Designated contracting state (EPC)  
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**IT 8700097 W 19871113**; AT 87907625 T 19871113; AU 8236987 A 19871113; BG 8886689 A 19890616; CN 87107900 A 19871117; DD 30902487 A 19871113; DE 3773215 T 19871113; DK 387988 A 19880712; EP 87907625 A 19871113; ES 8703281 A 19871117; FI 892171 A 19890505; GR 870101737 A 19871113; HU 615787 A 19871113; IN 896CA1987 A 19871113; IT 8281886 A 19861117; JP 50710587 A 19871113; KR 880700814 A 19880712; NO 883101 A 19880712; PL 26883887 A 19871116; PT 8615287 A 19871117; TR 76287 A 19871117; YU 207887 A 19871117; ZA 878599 A 19871117