

Title (en)  
Shoulder cleaner

Title (de)  
Bankettreiniger

Title (fr)  
Nettoyeur d'accotement

Publication  
**EP 0882841 B1 20020918 (DE)**

Application  
**EP 98109334 A 19980522**

Priority  
CH 129897 A 19970602

Abstract (en)  
[origin: EP0882841A1] The method cleans the ballast between permanent way railway lines involves a scoop (3.5) which scoops up the loose ballast temporarily, while the underlying ground is cleaned by at least one cleaning unit. The loose ballast is then returned to the permanent way. Before cleaning, the underlying ground is roughened. The returned loose ballast is returned in separate flow streams through the cleaning unit.

IPC 1-7  
**E01B 27/10**; **E01H 11/00**

IPC 8 full level  
**E01B 27/10** (2006.01); **E01H 11/00** (2006.01)

CPC (source: EP)  
**E01B 27/102** (2013.01); **E01H 11/00** (2013.01)

Designated contracting state (EPC)  
AT DE FR IT NL

DOCDB simple family (publication)  
**EP 0882841 A1 19981209**; **EP 0882841 B1 20020918**; AT E224478 T1 20021015; CH 692205 A5 20020315; DE 59805575 D1 20021024

DOCDB simple family (application)  
**EP 98109334 A 19980522**; AT 98109334 T 19980522; CH 129897 A 19970602; DE 59805575 T 19980522