

Title (en)  
DEVICE FOR BREAKING UP THE OUTER LAYERS OF THE GROUND

Title (de)  
EINRICHTUNG ZUM AUFBRECHEN VON DECKSCHICHTEN

Title (fr)  
DISPOSITIF PERMETTANT DE DEFONCER DES COUCHES COUVRANT LE SOL

Publication  
**EP 1147265 A1 20011024 (DE)**

Application  
**EP 00952784 A 20000126**

Priority  
• DE 0000215 W 20000126  
• DE 19903528 A 19990129

Abstract (en)  
[origin: US6626499B1] For the breaking-up and removal of ground outer layers there serves an device that is constructed as a dredge shovel. On its rear side lying opposite the receiving opening it is provided with a milling and cutting arrangement that has a predetermined milling (or cutting) depth and that serves for the penetration of pavement layers or similar outer layers, as well as for their breakdown into a workable recycling material.

IPC 1-7  
**E02F 3/40**; **E02F 3/96**

IPC 8 full level  
**E01C 23/088** (2006.01); **E02F 3/40** (2006.01); **E02F 3/96** (2006.01); **E02F 5/08** (2006.01)

CPC (source: EP US)  
**E01C 23/088** (2013.01 - EP US); **E02F 3/40** (2013.01 - EP US); **Y10S 37/903** (2013.01 - EP US)

Citation (search report)  
See references of WO 0053855A1

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**US 6626499 B1 20030930**; AT E272755 T1 20040815; AU 6406600 A 20000928; CA 2361768 A1 20000914; CA 2361768 C 20070925; DE 19907430 A1 20000914; DE 19907430 C2 20020425; DE 19907430 C5 20051215; DE 50007289 D1 20040909; EP 1147265 A1 20011024; EP 1147265 B1 20040804; ES 2222918 T3 20050216; JP 2002538341 A 20021112; PT 1147265 E 20041130; WO 0053855 A1 20000914

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