

Title (en)

Machine for detecting and levelling ground depressions, by spreading of suitable material, particularly fit for the maintenance of sport grounds

Title (de)

Vorrichtung zum Entdecken und Planieren von Bodensenkungen durch Aufbringen von geeignetem Material, insbesondere zum Unterhalten von Sportanlagen

Title (fr)

Dispositif pour détecter et niveler des dépressions de terrain par épandage d'un matériau approprié, en particulier pour l'entretien des terrains de sports

Publication

EP 0959179 B1 20040407 (EN)

Application

EP 99201632 A 19990520

Priority

IT PS980008 A 19980521

Abstract (en)

[origin: EP0959179A2] A machine for detecting and levelling ground depressions, by spreading of suitable material, is constituted essentially by: a bucket (4) fit to be rotated into the loading and distribution positions of the filling material; a distributing device (9) of the material to be spread; a rotating spreader (13); a ground touching device, that determines the automatic spreading of the material, when a wide dimension depression is detected. The touching device is adjustable, in such a way to allow the regulation of the intervention threshold. Besides, the machine is fit to spread uniformly the filling material onto the whole ground. <IMAGE>

IPC 1-7

E01C 23/07

IPC 8 full level

E01C 19/20 (2006.01); **E01C 23/07** (2006.01)

CPC (source: EP)

E01C 19/202 (2013.01); **E01C 23/07** (2013.01)

Cited by

US11696535B2; EP3568669A4; WO2020112401A3

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0959179 A2 19991124; **EP 0959179 A3 20001102**; **EP 0959179 B1 20040407**; DE 69916165 D1 20040513; DE 69916165 T2 20050421; ES 2217686 T3 20041101; IT 1306417 B1 20010606; IT PS980008 A0 19980521; IT PS980008 A1 19991121

DOCDB simple family (application)

EP 99201632 A 19990520; DE 69916165 T 19990520; ES 99201632 T 19990520; IT PS980008 A 19980521