

Title (en)
Process and apparatus for marking a lawn

Title (de)
Verfahren und Vorrichtungen zum Markieren von Rasenfläche

Title (fr)
Procédé et appareils de marquage de terrains en gazon

Publication
EP 0636393 B1 19980603 (FR)

Application
EP 94810427 A 19940720

Priority
CH 227393 A 19930728

Abstract (en)
[origin: EP0636393A1] This method consists in marking turf sports pitches by laying down the strands of the lawn (blades of grass) in certain zones and in raising it (them) up in other zones, so as to form an image and/or a word. The difference in orientation of the strands of the lawn is highly visible to the spectator. The strands are laid down by means of an apparatus mounted on rollers (3) and which rolls over the lawn surface. The same apparatus is provided with brushes (2) which rotate and which stand the strands of lawn up over certain defined sectors (13). The sectors form an image or the letters of a word. The motors (11) which control the path of the apparatus and the brushes (2) are electric and are controlled by a computer, the image to be reproduced and the position of the apparatus on the surface to be treated being stored in the computer. <IMAGE>

IPC 1-7
A63C 19/00; **A63C 19/06**; **G09F 19/00**

IPC 8 full level
A01B 49/00 (2006.01); **A63C 19/00** (2006.01); **A63C 19/02** (2006.01); **A63C 19/06** (2006.01); **A63C 19/08** (2006.01); **G09F 19/00** (2006.01); **G09F 19/22** (2006.01)

CPC (source: EP KR US)
A63C 19/00 (2013.01 - EP US); **A63C 19/06** (2013.01 - EP US); **A63C 19/065** (2013.01 - KR); **E01C 13/083** (2013.01 - KR); **G09F 19/00** (2013.01 - EP KR US); **A63C 2019/067** (2013.01 - KR)

Cited by
EP1417991A1; FR3081889A1; GB2477060A; GB2477060B; WO9949945A1; WO2019229375A3; WO2010039203A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 0636393 A1 19950201; **EP 0636393 B1 19980603**; AT E166793 T1 19980615; AU 6864194 A 19950209; BR 9402941 A 19950411; CA 2128948 A1 19950129; CN 1102353 A 19950510; CZ 180594 A3 19950215; DE 69410709 D1 19980709; DE 69410709 T2 19990520; JP H07152336 A 19950616; KR 950004080 A 19950217; PL 304453 A1 19950206; TW 279961 B 19960701; US 5540516 A 19960730; US 5681129 A 19971028

DOCDB simple family (application)
EP 94810427 A 19940720; AT 94810427 T 19940720; AU 6864194 A 19940721; BR 9402941 A 19940726; CA 2128948 A 19940727; CN 94114822 A 19940727; CZ 180594 A 19940727; DE 69410709 T 19940720; JP 17585194 A 19940727; KR 19940018246 A 19940727; PL 30445394 A 19940726; TW 83106855 A 19940727; US 28066194 A 19940727; US 65521896 A 19960605