

Title (en)

Use of maintenance for upkeeping sport surfaces and maintenance vehicle

Title (de)

Verwendung eines Unterhaltsfahrzeuges zur Instandstellung einer Sportanlage, sowie ein Unterhaltsfahrzeug

Title (fr)

Utilisation d'un véhicule d'entretien des terrains de sports et véhicules d'entretien

Publication

**EP 0657586 B1 20011017 (DE)**

Application

**EP 94107835 A 19940520**

Priority

CH 368393 A 19931210

Abstract (en)

[origin: EP0657586A1] A maintenance vehicle (60), having a suction roller (80) designed as water-absorbing device, is used to prepare in an optimal condition a sports ground (11), in particular a natural-grass pitch, for football matches or the like. Said suction roller (80) has essentially a perforated drum-like roller (85) with a foam-rubber covering (90) surrounding the latter, a weight roller (87) lying approximately at the top on the roller (85) and arranged to be rotatable axially parallel thereto, and also a collecting trough (88) positioned in the roller (85) and having a conduit (93) leading into a water tank for the purpose of emptying said collecting trough. In addition, in the case of this maintenance vehicle (10), besides the suction roller (80), a scarifying unit (32), a surface roller (34) and a warm air-blowing device (50) for drying or airing the sports ground (11) are provided. Consequently, any rainwater on the sports ground can be removed in a very short time, football matches can be staged irrespective of the prevailing weather and the grounds can always be kept in an optimal condition. <IMAGE>

IPC 1-7

**E01H 1/00**; **E01H 1/08**

IPC 8 full level

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CPC (source: EP US)

**E01H 1/0809** (2013.01 - EP US); **E01H 1/108** (2013.01 - EP US)

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