

Title (en)

COVERING EQUIPMENT OF A SPORTS FIELD, IN PARTICULAR A TENNIS COURSE

Title (de)

ABDECKEINRICHTUNG FÜR SPORTPLATZE, INSBESONDERE FÜR TENNISPLÄTZE

Title (fr)

EQUIPEMENT POUR COUVRIR DES TERRAINS DE SPORT, EN PARTICULIER DES COURTS DE TENNIS.

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Application

EP 18163627 A 20180323

Priority

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Abstract (en)

Disclosed herein is a covering structure of a sports field, in particular a tennis court, comprising a support frame and a covering tarp applied to said frame, wherein said support frame is comprised of a main fixed bearing arch (AP), which extends along a longitudinal axis of the sports field, and a plurality of lateral arches (AV) mounted according to a fan arrangement at the two sides of said main bearing arch (AP), fan-shaped arches (AV) being pivotally mounted around axes (5) parallel to the longitudinal axis of said main arch (AP) and being constrained and controlled in rotation by means of retaining ropes (10) passing on the top of said main arch (AP), and wherein the outermost arches of said fan-shaped lateral arches (AV) are designed to terminate close to the ground when the covering is deployed, and holding means (8) are provided with which, when the covering is folded up, said outermost lateral arches engage at least one adjacent fan-shaped lateral arch (AV) so as to discharge the burdening load on the latter.

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Citation (search report)

- [A] DE 7301392 U 19730517
- [A] JP H10159394 A 19980616 - HAYAZAKI KOICHI
- [A] AT 505762 A4 20090415 - RAMSAUER FRANZ [AT]
- [A] WO 2010118534 A1 20101021 - MOSCOVITCH JERRY [CA]

Cited by

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