

Title (en)
Pitch awning

Title (de)
Markise mit Neigung

Title (fr)
Auvent de pas

Publication
EP 2565342 A1 20130306 (EN)

Application
EP 12181918 A 20120827

Priority
IT PD20110276 A 20110829

Abstract (en)
Pitch awning which comprises a cloth (3) having a plurality of pitches (4) substantially parallel to each other and movable along a slide direction (Y) substantially orthogonal to the extension direction (X) of the pitches (4), between at least one retracted position (A), in which the pitches (4) are arranged close to each other, and at least one extended position (B), in which the pitches (4) are at least partially extended above the area to be covered (5). Each of the pitches (4) is delimited by a bottom fold (6) and by at least two top folds (7) between which a drain channel (9) is defined that is oriented transversely to the slide direction (Y) of the cloth (3) and provided with at least one slope towards a side edge (3') of the cloth (3). The awning also comprises two pairs of tie rods (10', 10''), including an upper (10') and a lower (10'') tie rod, fixed at their ends to the support structure (2) of the awning. The tie rods (10', 10'') are preferably substantially extended in a parallel manner and are positioned one above the other along the slide direction (Y) of the cloth (3) at its side edges (3'). The latter are slidably engaged with the side ends of the top folds (7) with the upper tie rods (10') and with the side ends of the bottom folds (6) with the lower tie rods (10''). The tie rods (10', 10'') are spaced from each other, when the cloth (3) is in collected position (A), to a greater extent than when the cloth (3) is in extended position (B) by a mean distance causing an elastic tensioning of the pitches (4) of the cloth (3) in the aforesaid extended position (B).

IPC 8 full level
E04F 10/06 (2006.01); **E04F 10/02** (2006.01)

CPC (source: EP)
E04F 10/02 (2013.01); **E04F 10/0607** (2013.01)

Citation (applicant)
• FR 2205917 A5 19740531 - LOSCH MAX HERMANN [DE]
• FR 2840339 A1 20031205 - PEREZ CLAIRE [FR]
• EP 2284330 A1 20110216 - PROGETTOTENDA S P A [IT]

Citation (search report)
• [A] DE 3204026 C1 19830811 - HEESCHER FELIX
• [AD] EP 2284330 A1 20110216 - PROGETTOTENDA S P A [IT]
• [AD] FR 2840339 A1 20031205 - PEREZ CLAIRE [FR]
• [AD] FR 2205917 A5 19740531 - LOSCH MAX HERMANN [DE]
• [A] US 2004060667 A1 20040401 - KIRBY DAVID A [US]

Cited by
AT13584U1; IT201800003050A1; US11613894B2; US11891810B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2565342 A1 20130306; EP 2565342 B1 20160406; IT PD20110276 A1 20130301

DOCDB simple family (application)
EP 12181918 A 20120827; IT PD20110276 A 20110829