

Title (en)
SHELVING UNIT WITH LIGHTED SHELVES

Title (de)
REGALEINHEIT MIT BELEUCHTETEN REGALEN

Title (fr)
UNITÉ DE RAYONNAGE AVEC ÉTAGÈRES ÉCLAIRÉES

Publication
EP 3075285 B1 20180516 (EN)

Application
EP 16159602 A 20160310

Priority
IT UB20150296 A 20150331

Abstract (en)
[origin: EP3075285A1] The invention relates to a shelving unit (10) comprising a support structure and a plurality of shelves (20), wherein said support structure comprises a base (11), a pair of uprights (12, 13) that stretch out from said base (11) in a vertical direction (V) and a panel element (14) arranged between said uprights (12, 13), the uprights (12, 13) comprising a plurality of apertures (120, 130) having a substantially slotted shape configured to allow assembly of said shelves (20). The shelving unit (10) also comprises a lighting set for the illumination of the shelves (20), said lighting set comprising a pair of conductive strips (32, 33) respectively connected or connectable to the positive and negative terminals of a low voltage transformer (30) that can be supplied from the mains, said conductive strips (32, 33) stretching out in said vertical direction (V), the lighting set further comprising at least one lighting body (40, 41). For each shelf (20) to be illuminated the lighting set also includes a single pair of rigid electrical conductors (42, 43) configured to be removably restrained to the shelf (20), and said at least one lighting body (40, 41) comprises electrical terminals arranged at its ends and configured for connection to said rigid electrical conductors (42, 43). The overall configuration of the shelving unit (10) is such that in an assembled condition the lighting body (40, 41) is electrically coupled to and mechanically hanging from the rigid electrical conductors (42, 43).

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Citation (examination)
US 2014055987 A1 20140227 - LINDBLOM THOMAS G [US], et al

Cited by
CN112969385A; US10213016B2; CN108461047A; US11592879B2; CN110566856A; WO2021141555A1; WO2018189081A1; EP3341655B1

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