

Title (en)
COOLING UNIT ARRANGEMENT

Title (de)
KÜHLREGALANORDNUNG

Title (fr)
ENSEMBLE ÉTAGÈRE DE RÉFRIGÉRATION

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Abstract (en)
[origin: WO2014029611A1] The invention relates to a cooling unit arrangement consisting of at least two mutually arranged shelf modules (1, 2, 3), comprising a base group (11), a rear wall group (12) and an upper group (13) with respective covering parts and forming a cooling chamber (4), and a cooling device (5). Said shelf modules (1, 2, 3) have identical modular parts with frame profiles and which support the base group (11), the rear wall group (12) and the upper group (13) and at least the rear wall group (12) of each shelf module (1, 2, 3) is equipped with components of the cooling device (5). The module frame forms with frame profiles, lateral frames (10) of the shelf modules (1, 2, 3) and the base group (11), the rear wall group (12) and the upper group (13) are mounted with the respective covering parts thereof on the lateral frames (10). All these measures allow an advantageous installation and the cooling device (5) comprises at least one compressor (51), an evaporator (50, 50', 50''), a condenser (52), connecting elements (53) including connecting lines (53.1), a ventilator (56, 57) and a control device with a control unit (55.1). Said shelf arrangement is provided with a common evaporator (50, 50', 50'') arranged in the rear wall group (12) and extending along several or all shelf modules (1, 2, 3). The rear wall group (12) the base group (11) and/or the upper group (13) of each shelf module (1, 2, 3) is/are designed for detachably mounting additional components of the cooling device (6).

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