

Title (en)

SPACE LIGHT STEEL FRAME CONCRETE BUILDING AND CONSTRUCTION METHOD THEREOF

Title (de)

RAUMLICHTSTAHLRAHMEN-BETONGEBÄUDE UND KONSTRUKTIONSVERFAHREN DAFÜR

Title (fr)

CONSTRUCTION DE SURFACES EN BETON A CHARPENTE METALLIQUE LEGERE ET SON PROCEDE DE CONSTRUCTION

Publication

**EP 2530211 A1 20121205 (EN)**

Application

**EP 11736649 A 20110128**

Priority

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- CN 2011070772 W 20110128

Abstract (en)

A spatial light steel frame concrete building and a method for constructing the same are provided. The building comprises: a wall spatial light steel frame; a floor slab spatial light steel frame connected to the wall spatial light steel frame to form a building unit spatial light steel frame; and concrete poured in the building unit spatial light steel frame. The wall spatial light steel frame and the floor slab spatial light steel frame each comprise a welded mesh reinforcement, and a plurality of trellis profile steels spaced apart from each other and each having a plurality of stretching holes. Each trellis profile steel comprises two wing edges parallel to each other and a plurality of web members between the wing edges which are integrally formed, the stretching holes are defined by the web members, and the web members and the stretching holes are formed by stretching the wing edges.

IPC 8 full level

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CPC (source: EP US)

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