

Title (en)
STRUCTURAL INSULATED PANEL (SIP) FOR A MODULAR BUILDING

Title (de)
STRUKTURELLE ISOLIERTE PLATTE (SIP) FÜR EIN MODULARES GEBÄUDE

Title (fr)
PANNEAU ISOLÉ STRUCTURAL (SIP) POUR UN BÂTIMENT MODULAIRE

Publication
EP 4077823 A1 20221026 (EN)

Application
EP 20838254 A 20201221

Priority
• GB 201919066 A 20191220
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Abstract (en)
[origin: WO2021123838A1] A structural insulated panel, SIP, (101) for a building (100) in which the SIP is attachable to another such SIP (101) to provide a structure of the building (100). The SIP (101) comprises a frame (200), a first board (208) attached to a first face of the frame (200), a second board (209) attached to a second face of the frame (200) and an insulating layer (401) bounded by the frame (200) and the first (208) and second boards (209). The frame (200) is fibre-reinforced plastic, FRP. The frame (200) has a joining surface that faces away from the centroid of the SIP (101) so as to be mateable with a joining surface of a frame of another such SIP (101).

IPC 8 full level
E04B 1/14 (2006.01); **E04B 1/61** (2006.01)

CPC (source: EP GB US)
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E04C 2/388 (2013.01 - GB US); **E04B 1/6133** (2013.01 - EP); **E04B 1/6154** (2013.01 - EP); **E04B 2001/6195** (2013.01 - EP US)

Citation (search report)
See references of WO 2021123838A1

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BA ME

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KH MA MD TN

DOCDB simple family (publication)
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