

Title (en)
GABLE OR HIP ROOF

Title (de)
SATTEL- ODER WALMDACH

Title (fr)
TOIT EN BATIERE OU EN GROUPE

Publication
EP 1019595 B1 20030115 (DE)

Application
EP 98954324 A 19981002

Priority
• DE 19743846 A 19971004
• EP 9806284 W 19981002

Abstract (en)
[origin: WO9918301A1] The invention relates to a gable roof comprised of individual self-supporting roof panels (2) which are made out of concrete or material that is similar to concrete and a reinforcement. Lattice beams run along the roof pitch, whereby said lattice beams have a lower flange running inside the plate and an upper flange running outside the plate. The upper flange is connected to the lower flange by bars. The roof panels of a roof surface are connected to static homogenous plates by connecting elements, whereby the static homogenous plates are self-supporting and are connected to one another on the roof ridge (3) by means of a welding or screw connection. Only two supporting points (10, 12) are formed on the ends of the plates, on the ends of the roof ridge and on the gables with the assistance of supports or gable walls. In the area of the eaves, merely one support is provided, said support being perpendicular to the plane of the plates, in the form of supporting surfaces running parallel to the plate.

IPC 1-7
E04B 7/20

IPC 8 full level
E04B 7/04 (2006.01); **E04B 7/06** (2006.01); **E04B 7/20** (2006.01); **E04B 7/24** (2006.01)

CPC (source: EP)
E04B 7/04 (2013.01); **E04B 7/06** (2013.01); **E04B 7/20** (2013.01); **E04B 7/24** (2013.01)

Designated contracting state (EPC)
AT DE ES FR GB IT NL

DOCDB simple family (publication)
WO 9918301 A1 19990415; AT E231209 T1 20030215; AU 1149399 A 19990427; DE 19743846 A1 19990602; DE 19743846 C2 20000921; DE 59806953 D1 20030220; EP 1019595 A1 20000719; EP 1019595 B1 20030115; EP 1229180 A2 20020807; EP 1229180 A3 20020814; ES 2191351 T3 20030901

DOCDB simple family (application)
EP 9806284 W 19981002; AT 98954324 T 19981002; AU 1149399 A 19981002; DE 19743846 A 19971004; DE 59806953 T 19981002; EP 02004724 A 19981002; EP 98954324 A 19981002; ES 98954324 T 19981002