

Title (en)

CAST STONE BUILDING COMPONENT

Title (de)

BAUELEMENT AUS KUNSTSTEIN

Title (fr)

ELEMENT DE CONSTRUCTION EN PIERRE ARTIFICIELLE

Publication

EP 1238162 A1 20020911 (DE)

Application

EP 00979640 A 20001129

Priority

- DE 29922003 U 19991215
- EP 0011958 W 20001129

Abstract (en)

[origin: WO0144578A1] The invention relates to a building component (1, 11, 17) that consists of cast stones and serves as flooring element, palisade element or wall stone. The inventive component is provided in the form of a straight prism and has a cross-section that is embodied as a hexagon when seen from above or a semiplan view. All the inner angles of the hexagon are equal to or greater than 60 DEG and at least two of the sides (2, 2', 3, 3', 4, 4', 13, 13', 14, 14', 18, 18', 19, 19', 20, 20') that form the hexagon are provided with a profiled course that deviates from a straight line. At least two of three first sides (2, 3, 4, 13, 14, 18, 19, 20) of the hexagon are designed in a different way. Each of said three first sides has an opposite or adjacent second side (2', 3', 4', 12', 13', 14', 18', 19', 20') of the hexagon allocated thereto and each of the second sides (2', 3', 4', 12', 13', 14', 18', 19', 20') corresponds to the displacement of the allocated first side (12, 13, 14) or the turn of the allocated first side(2, 3, 4, 18, 19, 20) through the common point of abutment (5), whereby said turn is carried out over the cross-section.

IPC 1-7

E01C 5/00; E04C 1/39; E04F 15/08

IPC 8 full level

E01C 5/00 (2006.01); **E04B 2/02** (2006.01); **E04C 1/39** (2006.01); **E04F 15/08** (2006.01); **E04H 17/14** (2006.01); **E04H 17/20** (2006.01);
E02D 17/20 (2006.01)

CPC (source: EP)

E01C 5/00 (2013.01); **E04C 1/395** (2013.01); **E04F 15/08** (2013.01); **E02D 17/20** (2013.01)

Citation (search report)

See references of WO 0144578A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

DE 29922003 U1 20000217; AU 1705701 A 20010625; EP 1238162 A1 20020911; JP 2003524088 A 20030812; JP 4836380 B2 20111214;
WO 0144578 A1 20010621

DOCDB simple family (application)

DE 29922003 U 19991215; AU 1705701 A 20001129; EP 0011958 W 20001129; EP 00979640 A 20001129; JP 2001545652 A 20001129