

Title (en)
Bearing arch arrangement and construction process of a bearing arch

Title (de)
Tragbogenaufbau sowie Verfahren zur Herstellung eines Tragbogens

Title (fr)
Agencement d'arc portant et procédé pour sa construction

Publication
EP 1255088 B1 20040303 (DE)

Application
EP 02008499 A 20020415

Priority
DE 10121699 A 20010504

Abstract (en)
[origin: EP1255088A1] Subarch construction (1) comprises two skewbacks (2) and two imposts (3) between which the arch (4) extends in a curved manner, and a number of identical arch stones (5). An Independent claim is also included for a process for erecting a subarch having the above construction. Preferred Features: The imposts and the arch stones have a wedge shape tapering from the upper side of the arch toward the under side.

IPC 1-7
F27D 1/02

IPC 8 full level
E04C 3/02 (2006.01); **F27D 1/02** (2006.01)

CPC (source: EP US)
E04C 3/02 (2013.01 - EP US); **F27D 1/025** (2013.01 - EP US); **E04C 2003/023** (2013.01 - EP US)

Cited by
CN103842757A; IT201700078670A1; EP2796821A1; US10065391B2; WO2016126666A1

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)
EP 1255088 A1 20021106; EP 1255088 B1 20040303; AT E261099 T1 20040315; BR 0201613 A 20030311; BR 0201613 B1 20110405; DE 10121699 A1 20021128; DE 10121699 B4 20040909; DE 10121699 B9 20050120; DE 10121699 C5 20100408; DE 50200266 D1 20040408; ES 2215950 T3 20041016; US 2002189509 A1 20021219; US 6705243 B2 20040316

DOCDB simple family (application)
EP 02008499 A 20020415; AT 02008499 T 20020415; BR 0201613 A 20020506; DE 10121699 A 20010504; DE 50200266 T 20020415; ES 02008499 T 20020415; US 13959202 A 20020503