

Title (en)  
MULTIMEDIA SHAFT BUILDING

Title (de)  
MULTIMEDIA-SCHACHTBAUWERK

Title (fr)  
PUITS POUR LE TRANSPORT DE DIFFERENTS FLUIDES, D'ENERGIE OU D'INFORMATIONS

Publication  
**EP 1238171 B1 20050323 (DE)**

Application  
**EP 00990514 A 20001208**

Priority  
• DE 0004391 W 20001208  
• DE 19959065 A 19991208

Abstract (en)  
[origin: WO0142574A2] The invention relates to a shaft building comprising a monolithically-shaped shaft lower part, whereupon one or more shaft pipes and/or shaft rings and a cone can be placed depending on the embodiment involved. Channels for different media lines designed for liquid and gas-phase media, for energy or for information are preferably located on the outer wall or in the wall of the shaft ring or shaft pipe or in the shaft lower part. One shaft ring or pipe can have one or more channels for media lines. Said channels pertaining to the individual media lines are preferably aligned above each other, thereby providing the smallest possible nominal width of the shaft building which does not impair the accessibility of the shaft and represents an economically feasible solution. The decisive advantage of the innovative shaft building is that different media are integrated into lines in a single shaft building. Costs associated with inspection and maintenance are significantly reduced. When new lines are constructed or lines are serviced through which different media have been previously transported separately, costs associated with the construction of other shaft buildings are saved.

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HAENDEL H.: "Schächte für Abwasserkanäle und -leitungen", KORRESPONDENZ ABWASSER, vol. 8, 1992, MÜNCHEN, pages 1114 - 1116

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