

Title (en)  
ELEVATOR COMMUNICATION SYSTEM

Title (de)  
AUFZUGSKOMMUNIKATIONSSYSTEM

Title (fr)  
SYSTÈME DE COMMUNICATION D'ASCENSEUR

Publication  
**EP 3904259 A1 20211103 (EN)**

Application  
**EP 20172442 A 20200430**

Priority  
EP 20172442 A 20200430

Abstract (en)  
According to an aspect, there is provided an elevator communication system associated with a building comprising an elevator shaft. The system comprises an ethernet bus (106), an elevator controller (100) communicatively connected to the ethernet bus (106) and configured to communicate via the ethernet bus (106), a plurality of connecting units (104A-140D) disposed along the elevator shaft to implement the ethernet bus (106), at least one bus node (102C) disposed in the elevator shaft separated by a distance from the elevator controller (100) and being communicatively connected to the ethernet bus (106) and configured to communicate via the ethernet bus (106), and a second data channel (108) separate from the ethernet bus (106), the second data channel (108) establishing a direct connection between the at least one bus node (102C) and the elevator controller (100).

IPC 8 full level  
**B66B 1/34** (2006.01); **B66B 5/00** (2006.01)

CPC (source: EP)  
**B66B 1/343** (2013.01); **B66B 1/3446** (2013.01); **B66B 1/3453** (2013.01); **B66B 5/0087** (2013.01)

Citation (search report)  
• [E] EP 3651419 A1 20200513 - OTIS ELEVATOR CO [US]  
• [YA] WO 2017008849 A1 20170119 - OTIS ELEVATOR CO [US], et al  
• [YA] WO 2020079314 A1 20200423 - KONE CORP [FI]  
• [A] US 2018186602 A1 20180705 - HERKEL PETER [DE], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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