

Title (en)  
IDENTIFICATION OF A PROTOCOL OF A DATA STREAM

Title (de)  
IDENTIFIZIERUNG EINES PROTOKOLLS EINES DATENSTROMS

Title (fr)  
IDENTIFICATION DE PROTOCOLE D'UN FLUX DE DONNÉES

Publication  
**EP 3818676 A1 20210512 (FR)**

Application  
**EP 19748867 A 20190705**

Priority  
• FR 1856240 A 20180706  
• FR 2019051682 W 20190705

Abstract (en)  
[origin: WO2020008159A1] The invention concerns a method for identifying a protocol of a data stream exchanged between two entities of a telecommunication network, the processing method comprising the following steps: - on receiving (200) data of the data stream, grammatical parsing (202) of said data stream in order to identify a protocol of the data stream; - in the event of failure (203) to identify the protocol of the data stream by grammatical parsing, consulting (206) a signature engine mapping protocols with corresponding signatures, and sequentially applying (207) signatures to the data flow in order to identify a data stream protocol.

IPC 8 full level  
**H04L 29/06** (2006.01); **H04L 12/26** (2006.01); **H04L 29/08** (2006.01)

CPC (source: EP KR US)  
**H04L 41/0627** (2013.01 - US); **H04L 43/18** (2013.01 - EP KR); **H04L 65/1104** (2022.05 - EP KR); **H04L 67/01** (2022.05 - US);  
**H04L 67/02** (2013.01 - EP KR); **H04L 67/1091** (2013.01 - US); **H04L 67/61** (2022.05 - US)

Citation (search report)  
See references of WO 2020008159A1

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)  
**WO 2020008159 A1 20200109**; CA 3103363 A1 20200109; EP 3818676 A1 20210512; FR 3083659 A1 20200110; FR 3083659 B1 20200828;  
JP 2021529470 A 20211028; JP 7412363 B2 20240112; KR 20210043498 A 20210421; US 11265372 B2 20220301;  
US 2021105319 A1 20210408

DOCDB simple family (application)  
**FR 2019051682 W 20190705**; CA 3103363 A 20190705; EP 19748867 A 20190705; FR 1856240 A 20180706; JP 2020572750 A 20190705;  
KR 20207036935 A 20190705; US 202017124724 A 20201217