



- (51) **International Patent Classification:**
H04L 29/06 (2006.01)
- (21) **International Application Number:**
PCT/EP2020/084951
- (22) **International Filing Date:**
07 December 2020 (07.12.2020)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
19215850.9 12 December 2019 (12.12.2019) EP
- (71) **Applicant:** **NOSCENDO GMBH** [DE/DE]; Königstraße 34, 47198 Duisburg (DE).
- (72) **Inventors:** **CLANZETT, Sebastian**; Fürst-Bentheim-Straße 50, 46519 Alpen (DE). **HENNIG, Rene**;
- Dohlenweg 27, 42115 Wuppertal (DE). **STEVENS, Philip**; Neue Straße 26, 46519 Alpen (DE).
- (74) **Agent:** **BURGER, Markus** et al.; Schoppe, Zimmermann, Stöckeler, Zinkler, Schenk & Partner mbB, Radlkoferstr. 2, 81373 München (DE).
- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, IT, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

(54) **Title:** PROVIDING AND OBTAINING ONE OR MORE DATA SETS VIA A DIGITAL COMMUNICATION NETWORK

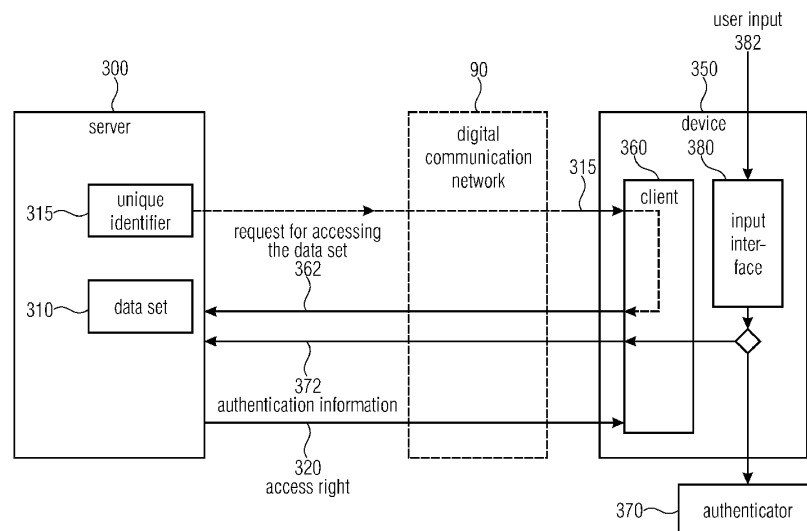


Fig. 3

(57) **Abstract:** A server for providing one or more data sets via a digital communication network is configured for: associating an unique identifier with an identified data set, the unique identifier representing a network address for accessing the identified data set via the digital communication network, wherein the unique identifier is specific to the identified data set; validating an authentication information provided by an authenticator of a client requesting access to the server via the unique identifier; and selectively providing the client with an access right for one or more data sets, if the authentication information identifies the authenticator as being associated with a registered user. A device for obtaining a data set via a digital communication network is configured for obtaining an unique identifier of the data set, the unique identifier representing a network address for accessing the data set via the digital communication network, wherein the unique identifier is specific to the data set. The device comprises a client configured for using the unique identifier

[Continued on next page]

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

— *with international search report (Art. 21(3))*

for sending a request for accessing the data set to a server providing the data set. The client is configured for providing the server with an authentication information of an authenticator for authenticating the client against the server, wherein the authenticator is associated with a registered user.