

Title (en)  
HYDROGEN SUPPLY SYSTEM

Title (de)  
WASSERSTOFFVERSORGUNGSSYSTEM

Title (fr)  
SYSTÈME D'ALIMENTATION EN HYDROGÈNE

Publication  
**EP 4332201 A1 20240306 (EN)**

Application  
**EP 21939281 A 20210428**

Priority  
JP 2021017023 W 20210428

Abstract (en)  
A hydrogen supply system (100) includes a hydrogen production unit (101) which produces hydrogen, a hydrogen boosting unit (102) which boosts a pressure of the hydrogen produced by the hydrogen production unit (101) to a pressure at which the hydrogen can be supplied to a gas grid, a grid gas lead-in unit (103) which leads grid gas from the gas grid (901), a hydrogen concentration adjustment unit (104) which adjusts a mixed gas to have a hydrogen concentration equal to or lower than an allowable hydrogen concentration specified in the gas grid (901), and a mixed gas return unit (105) which supplies the mixed gas to the gas grid.

IPC 8 full level  
**C10L 3/00** (2006.01); **F23K 5/00** (2006.01)

CPC (source: EP)  
**F17D 1/04** (2013.01)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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**EP 21939281 A 20210428**; JP 2021017023 W 20210428; JP 2023516962 A 20210428