

Title (en)  
DIHYDROGEN PRODUCTION PROCESS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON DIHYDROGEN

Title (fr)  
PROCEDE DE PRODUCTION DE DIHYDROGENE

Publication  
**EP 3194332 A1 20170726 (FR)**

Application  
**EP 15762713 A 20150716**

Priority  
• FR 1456949 A 20140718  
• IB 2015055392 W 20150716

Abstract (en)  
[origin: WO2016009384A1] The present invention relates to a process for producing dihydrogen from formic acid. It also relates to the use of the dihydrogen produced by the process of the invention, in a fuel cell, in a combustion engine, in the production of ammonia and methanol, in oil refining, and in the metallurgy, electronics and food sectors. The invention also relates to an energy production process comprising a step of producing dihydrogen from formic acid by the process according to the invention.

IPC 8 full level  
**C01B 3/22** (2006.01); **C01B 32/50** (2017.01)

CPC (source: EP US)  
**B01J 31/0285** (2013.01 - US); **B01J 31/0291** (2013.01 - US); **B01J 31/0298** (2013.01 - US); **C01B 3/22** (2013.01 - EP US); **C01B 32/50** (2017.07 - EP US); **C01C 1/04** (2013.01 - US); **H01M 8/0618** (2013.01 - US); **B01J 2531/002** (2013.01 - US); **C01B 2203/0277** (2013.01 - EP US); **C01B 2203/061** (2013.01 - US); **C01B 2203/065** (2013.01 - US); **C01B 2203/066** (2013.01 - EP US); **C01B 2203/068** (2013.01 - US); **C01B 2203/1041** (2013.01 - US); **C01B 2203/1211** (2013.01 - EP US); **C01B 2203/84** (2013.01 - US); **Y02E 60/50** (2013.01 - EP)

Citation (search report)  
See references of WO 2016009384A1

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 2016009384 A1 20160121**; EP 3194332 A1 20170726; FR 3023839 A1 20160122; US 2017144884 A1 20170525

DOCDB simple family (application)  
**IB 2015055392 W 20150716**; EP 15762713 A 20150716; FR 1456949 A 20140718; US 201515323581 A 20150716