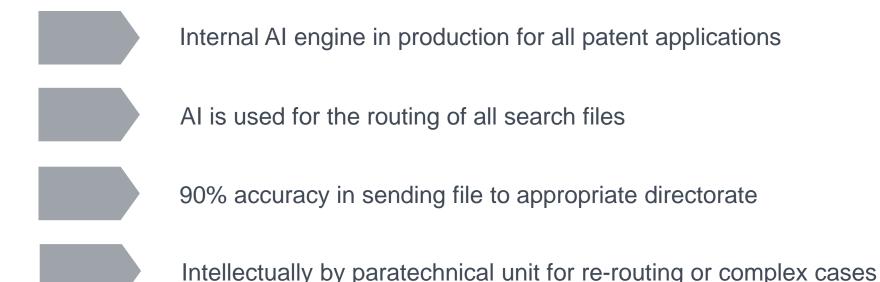


AI FOR PRECLASSIFICATION





AI FOR TAGGING: THE Y02/Y04 SCHEMES

Since August 2022, CPC groups in Y02/Y04 are populated with the use of AI:

Classification symbol	Title and description
Υ	GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS [2013-01]
Y02	TECHNOLOGIES OR APPLICATIONS FOR MITIGATION OR ADAPTATION AGAINST CLIMATE CHANGE [2018-01]
Y02A	TECHNOLOGIES FOR ADAPTATION TO CLIMATE CHANGE [2018-01]
Y02B	CLIMATE CHANGE MITIGATION TECHNOLOGIES RELATED TO BUILDINGS, e.g. HOUSING, HOUSE APPLIANCES OR RELATED END-USER APPLICATIONS [2018-05]
Y02C	CAPTURE, STORAGE, SEQUESTRATION OR DISPOSAL OF GREENHOUSE GASES [GHG] [2013-01]
Y02D	CLIMATE CHANGE MITIGATION TECHNOLOGIES IN INFORMATION AND COMMUNICATION TECHNOLOGIES [ICT], I.E. INFORMATION AND COMMUNICATION TECHNOLOGIES AIMING AT THE REDUCTION OF THEIR OWN ENERGY USE [2020-08]
Y02E	REDUCTION OF GREENHOUSE GAS [GHG] EMISSIONS, RELATED TO ENERGY GENERATION, TRANSMISSION OR DISTRIBUTION [2018-05]
Y02P	CLIMATE CHANGE MITIGATION TECHNOLOGIES IN THE PRODUCTION OR PROCESSING OF GOODS [2015-11]
Y02T	CLIMATE CHANGE MITIGATION TECHNOLOGIES RELATED TO TRANSPORTATION [2017-05]
Y02W	CLIMATE CHANGE MITIGATION TECHNOLOGIES RELATED TO WASTEWATER TREATMENT OR WASTE MANAGEMENT [2015-05]

https://worldwide.es pacenet.com/patent/ cpcbrowser#!/CPC=Y0 2

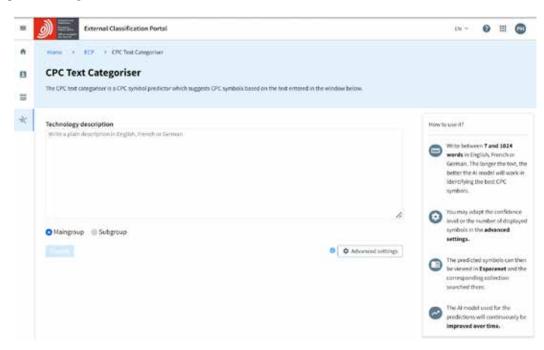
- 372 entries
- Easier maintenance than with preparations
- Tagging on the fly

epo.org

AI FOR CLASSIFICATION

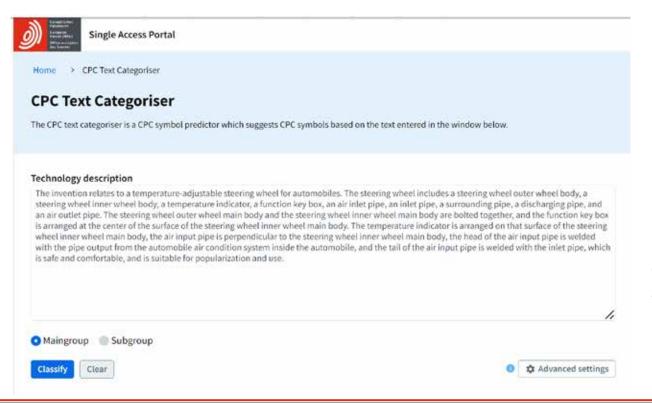
CPC text categoriser: a CPC symbol predictor

- n Al-based CPC symbol predictor
- n Text input in English, French or German (at least 8 words)
- n CPC predictions are returned within a fraction of a second
- n Al model continuously updated
- n Launched to CPC offices in March 2023
- n Available to the public since November 2023





AI-POWERED CPC TEXT CATEGORISER

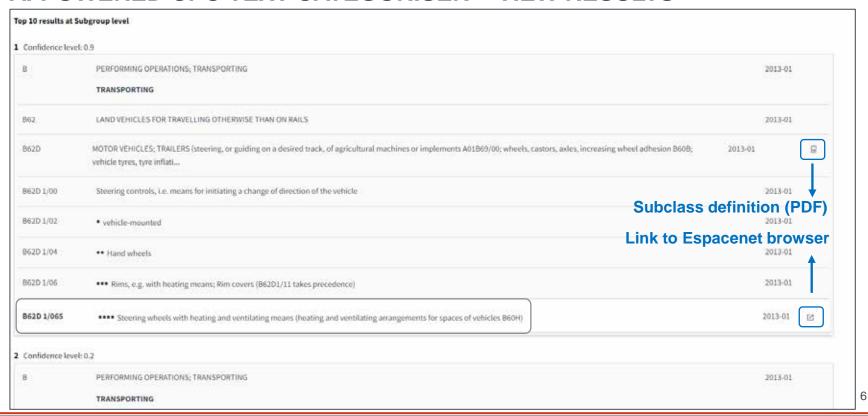


CPC symbol predictions with AI:

CPC Text Categoriser | SAP (epo.org)

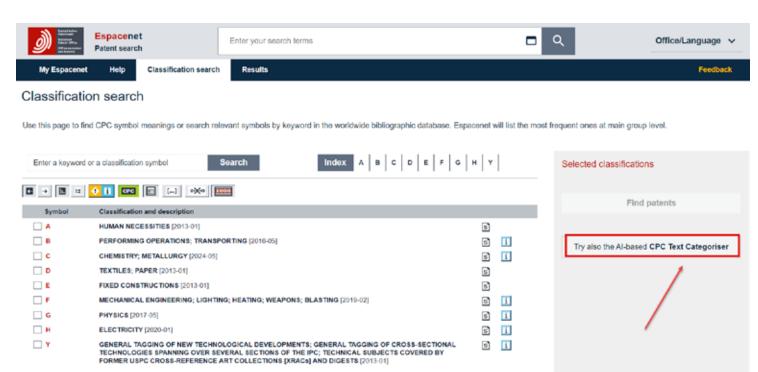


AI POWERED CPC TEXT CATEGORISER - VIEW RESULTS



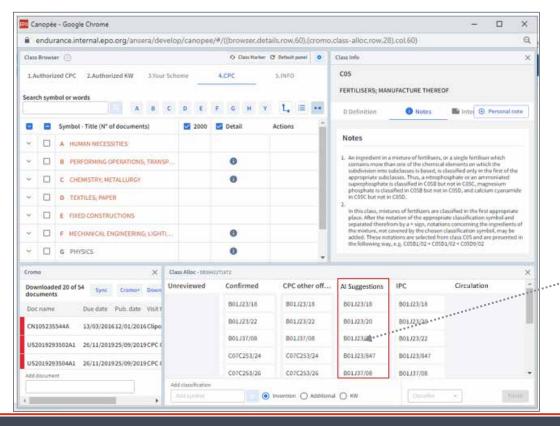


CPC TEXT CATEGORISER FROM ESPACENET

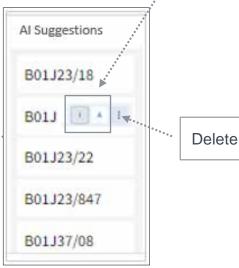




AI CPC SUGGESTIONS IN EPO INTERNAL TOOLS



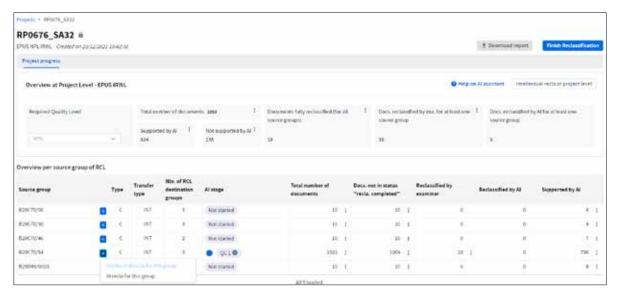
Allocate symbol as Invention or Additional information





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AI FOR RECLASSIFICATION



- § Al trained by examiner
- § Al makes suggestions and selects best batch of documents examiner checks quality of test batch. If quality is good enough, best batch is automatically reclassified and allocations assigned
- § Following iterations incorporate all previous reclassification work (from AI and examiner) as training set

