AI-SUPPORTED CLASSIFICATION

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epo.org

AI for preclassification (file routing)

PRECLASSIFICATION BY AI

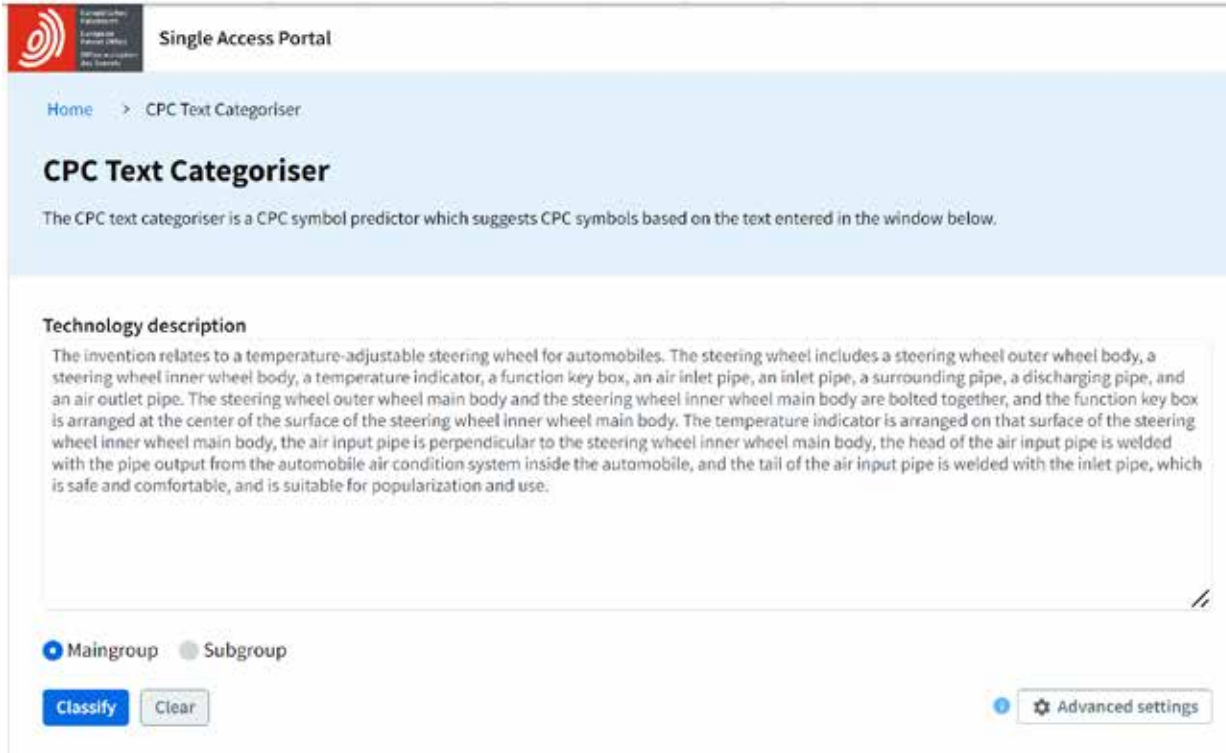Internal AI engine in production for all patent applications

90% of these files are routed by AI - 10% intellectually

90% accuracy in sending file to appropriate directorate

AI for classification

AI POWERED CPC TEXT CATEGORISER

CPC symbol
predictions with AI

AI POWERED CPC TEXT CATEGORISER – VIEW RESULTS

Top 10 results at Subgroup level

1 Confidence level: 0.9

B	PERFORMING OPERATIONS; TRANSPORTING	2013-01
	TRANSPORTING	
B62	LAND VEHICLES FOR TRAVELLING OTHERWISE THAN ON RAILS	2013-01
B62D	MOTOR VEHICLES; TRAILERS (steering, or guiding on a desired track, of agricultural machines or implements A01B69/00; wheels, castors, axles, increasing wheel adhesion B60B; vehicle tyres, tyre inflati...	2013-01
B62D 1/00	Steering controls, i.e. means for initiating a change of direction of the vehicle	2013-01
B62D 1/02	• vehicle-mounted	2013-01
B62D 1/04	•• Hand wheels	2013-01
B62D 1/06	••• Rims, e.g. with heating means; Rim covers (B62D1/11 takes precedence)	2013-01
B62D 1/065	•••• Steering wheels with heating and ventilating means (heating and ventilating arrangements for spaces of vehicles B60H)	2013-01

Subclass definition (PDF)

Link to Espacenet browser

2 Confidence level: 0.2

B	PERFORMING OPERATIONS; TRANSPORTING	2013-01
	TRANSPORTING	
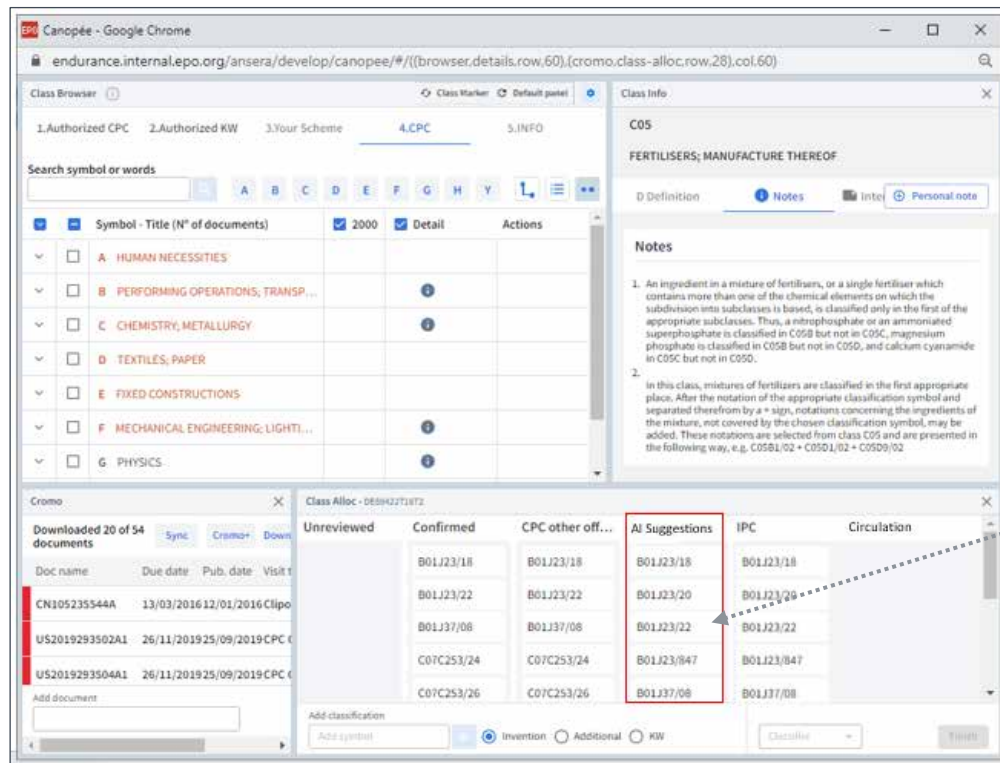
AI-GENERATED CPC FOR CLIMATE CHANGE MITIGATION TECHNOLOGIES

☐	**Y**	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]

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

- 372 entries

- Easier maintenance than preparations

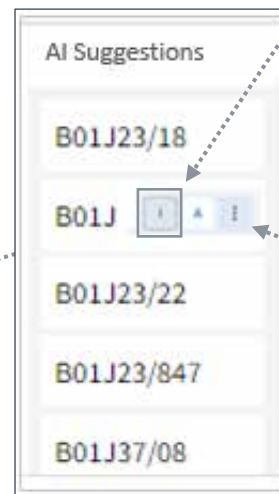- Updates can be done more frequently (twice per week currently)

AI-SUPPORTED CLASSIFICATION

Allocate symbol as **I**nvention or **A**dditional information

Delete

AI for reclassification

§ AI trained by examiner

§ AI 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

THANK YOU!

More information on the CPC? www.cpcinfo.org

Contact us at cpc@epo.org

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