

Umetna inteligenca v službi intelektualne lastnine: od pametnih orodij do strateške preobrazbe

Dolores Modic &
Sara Modic
ZTF 2026



(P)IL # UI



IL in UI

Omejitve orodij

Danes

Jutri

Zakaj mi je mar?

«Pametna» IL orodja

UI-2-UI
& strateška
preobrazba

APRIL 4, 2020

NEW YORK STOCK EXCHANGE

NYSE OPENING BELL

The NYSE thanks Patsy Graham, RN,
North Shore University Hospital
Northwell Health, Manhasset, NY.
#Gratitude



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APRIL 6, 2020

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Northwell Health, Manhasset, NY.

#Gratitude

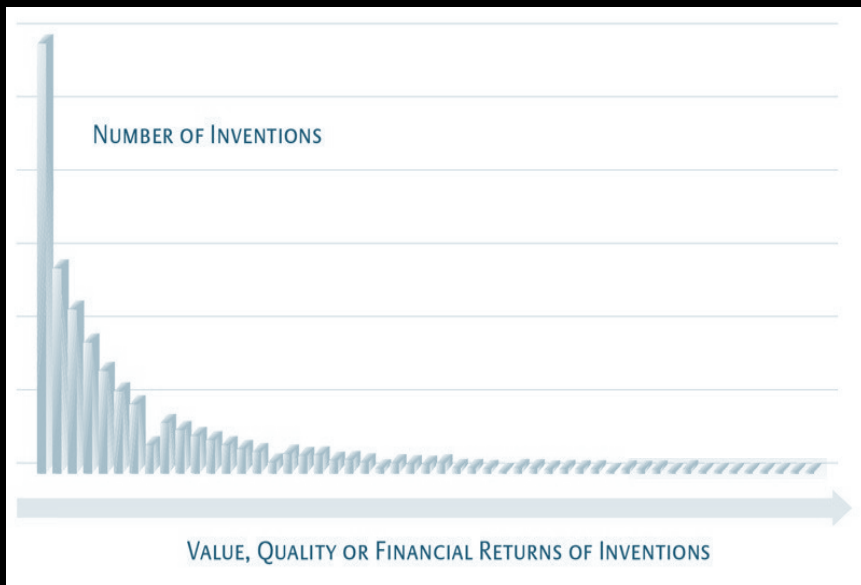


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(P)IL



Pomen patentov izhaja iz njihove sposobnosti, da tehnično znanje pretvorijo v strateški poslovni (in finančni) resurs.

Omogočanje
svobode delovanja
(ang. *freedom to operate*) –
Izogibajmo se
problemom!

Omejevanje
posnemovalcev &
preprečevanje
enostavnega
kopiranja rešitev

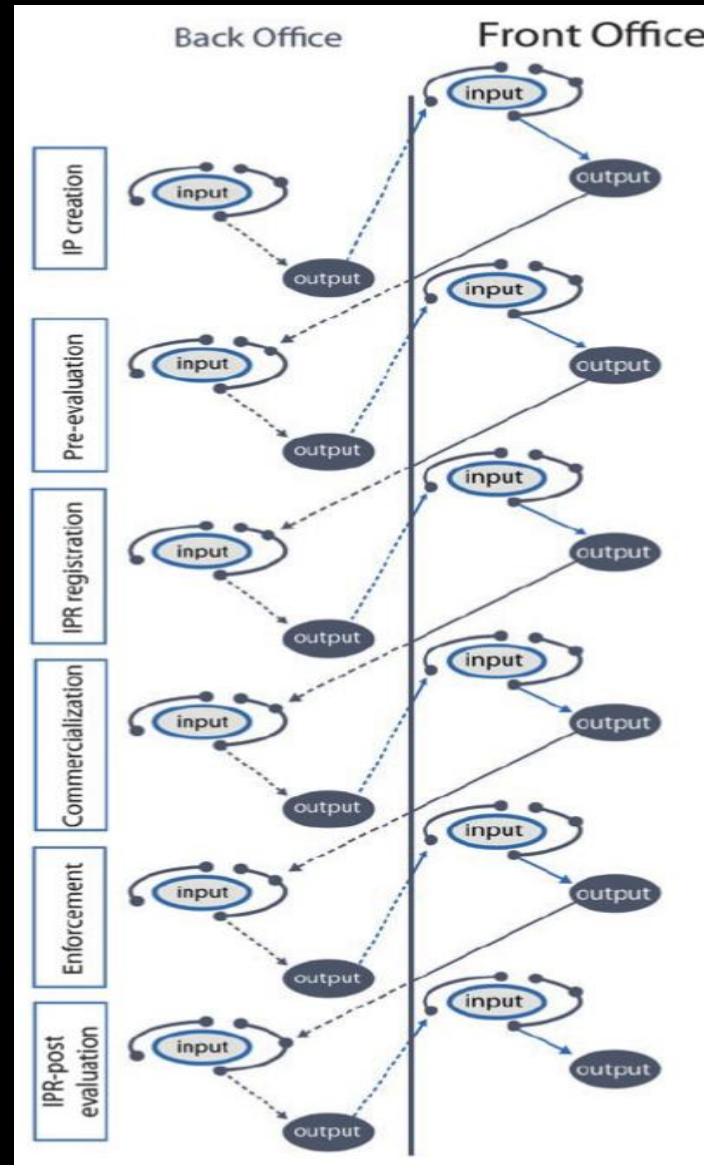
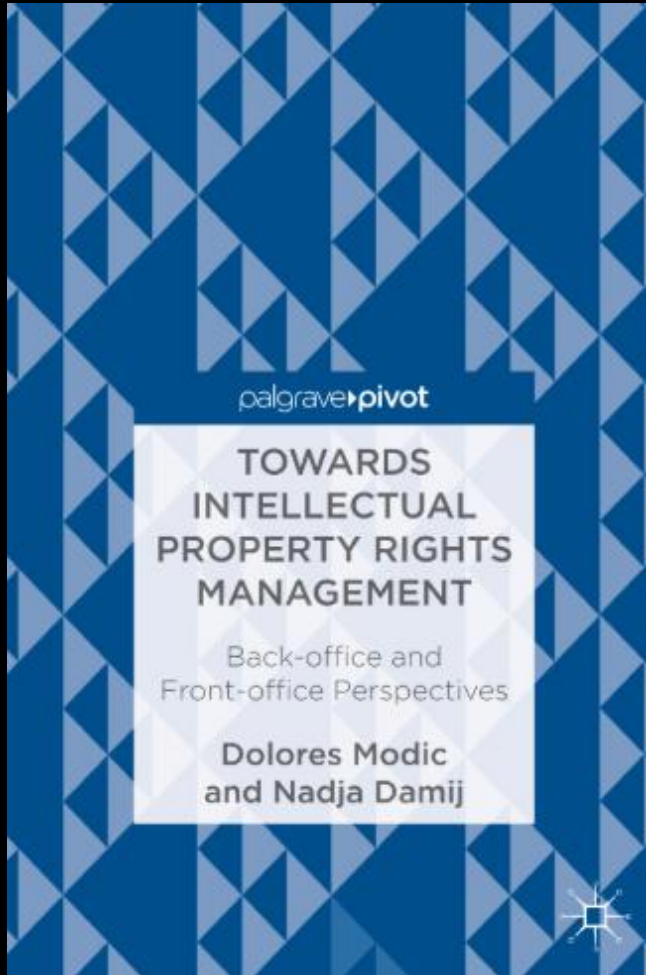
Uporaba za sodelovanje: vstopi v
partnerstva, patentne bazene (ang.
patent pools) in navzkrižno
licenciranje

Doseganje lažjega
ali bolj donosnega
izstopa (npr. prodajo
podjetja)

Patenti: Pomemben vir
javno dostopnih tehničnih
informacij - Narediti
pravilno = ključno.



UPRAVLJANJE (P)IL



Innovations in intellectual property rights management Their potential benefits and limitations

Dolores Modic
Nord University Business School, Bodo, Norway
 Ana Hafner
Faculty of Information Studies in Novo Mesto, Novo Mesto, Slovenia
 Nadja Damij
Newcastle Business School, Northumbria University, Newcastle upon Tyne, UK, and
 Luka Cehovin Zajc
Faculty of Computer and Information Science, Univerza v Ljubljani, Ljubljana, Slovenia

Activity-to-skills Framework in the Intellectual Property Big Data Era

Nadja Damij, Ana Hafner, Dolores Modic

AI-Powered Prior Art Search: Towards Enriching Intellectual Property Management?

Ana Hafner^{1,4} , Dolores Modic^{1,2} , Nadja Damij³ , Andrej Furlan⁴ , and Dorian Rampih⁵



- *Strokovnjaki vključeni v izkoriščanje inovacij in intelektualne lastnine (IL), imajo v zadnjem času na voljo veliko število z umetno inteligenco podprtih programskih orodij (Yadav et al., 2025; Hafner et al., 2025).*

→ Podpora strokovnjakov UI na področju IL izhaja iz njenega potenciala za izboljšanje človeškega strokovnega znanja z analizo velikih količin podatkov ter razkrivanjem vpogledov, ki bi jih ljudje sami težko ali sploh ne bi mogli doseči (Aristodemou & Tietze, 2018; Haefner et al., 2021; Juan Mesa, 2025).

**Large Language Models (LLMs) in Intellectual Property (IP)
research: practical applications, methodological insights,
and reporting guidance**

Leonidas Aristodemou¹, Jan-Gero Alexander Hannemann¹, Akriti Jain², Jazmin Labra Montes¹, Peize Li¹, Soujanya Mantravadi¹, Melanie Martini³, Sheetal Menon⁴, Dolores Modic⁵, Gülfem Özmen⁶, Rahul Patil¹, Thomas Schaeper⁷, Frank Tietze^{1*}, Geoffrey White¹

V nastajanju...



ORODJA DANES: USMERJENA V PODPORO POSAMEZNIH (P)IL AKTIVNOSTI

Find the Technical Solution

Please enter technical keywords, or describe a technical problem such as "improving glass strength"

Search

Jurisdiction: name
Publish date: 09/11/2020
ID: US74092748742

Air purification device: This invention relates to a novel method for enhancing the efficiency of solar panels through the integration of a dynamic tracking system. The system utilizes advanced algorithms to adjust

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Novelty

0.5%

Review the claims

- ✓ The examiner's rejection argument is strong
- ✓ The examiner's rejection argument is weak

Strategy

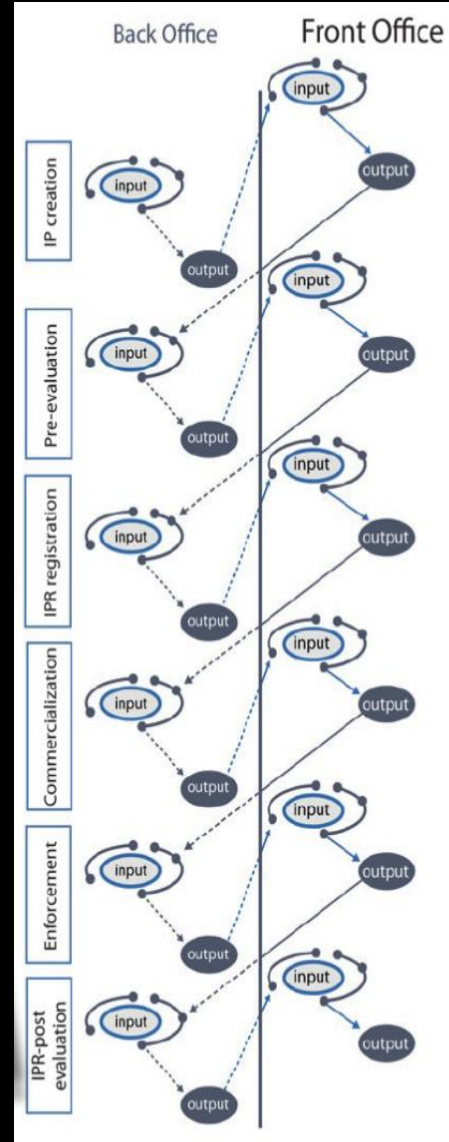
Amend the Claims to Include Specific, Distinguishing Limitations

- Draft amendments that recite additional steps or structural features of the centralized ordering platform not found in the prior art. For example, emphasize a unique integration of order evaluation [e.g., determination of viability. ...]

Supporting documents

Balachandran [0130] : The at least one directional filter [602, 608]

Balachandran : The at least one directional filter [602, 608]



#Omejitve



AI-Powered Prior Art Search: Towards Enriching Intellectual Property Management?

Ana Hafner^{1,4} , Dolores Modic^{1,2} , Nadja Damij³ , Andrej Furlan⁴ ,
and Dorian Rampih⁵

Can AI Find a \$1B Mistake?





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AI 2 AI Business Platforms: An Emerging Agenda for Organizational Studies

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To be continued...