User Interaction

- Create and modify field based queries
- Use IPC Class Distribution to refine search queries
- Use Patent Vectors to retrieve similar Patents

Finding Similar Patents

Propagating Weighted Category Vector of each patent to its citations.

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Language Independent System

- IPC independent of language
- Citations independent of language
- Patent = CATEGORY and CITATION VECTORS
IPC CLASSIFICATION BASED NAVIGATION OF PATENTS

USER

Initial Query

Generate Category Vector

Index

Find Similar Documents

Initial List

Documents: D₁, D₂, D₃,…,Dₙ

C₁ C₂ C₃ C₄ …… Cₙ

Feedback

Irrelevant Category

Relevant Category

C₁ C₂ C₃ C₄ …… Cₙ

Documents: D₁, D₂, D₃,…Dₙ

ANSWER