Research program:
"IR patent strategies for product development process"

Annex C

Department of Management, Information and Production Engineering
Tutor: **PROF. Caterina Rizzi**

Research project
The research program aims at developing paradigms of product development based on the use of IR (Information retrieval) tools for the design of new products and technical problems solving.
The following activities are planned:
• State of the art of field of interest.
• Identification and assessment of a new procedure for product design based on patent strategies containing:
˜ Development of a new algorithm of functional analysis and its beta software prototype.
˜ Development of physical effects library. Effects are used in combination with the functional search in order to model problems (extracted from patents) according to FBS theory.
• Testing activity in real case studies.