Method for producing thin layers

- **Production of thin layers containing nanoparticles**
- **Provides layer by layer material in a short time**

KEYWORDS

LbL
Spray
Polymers
Nanoparticles

PATENT

FR1053976
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WO2011144744
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National phases
EP and USA

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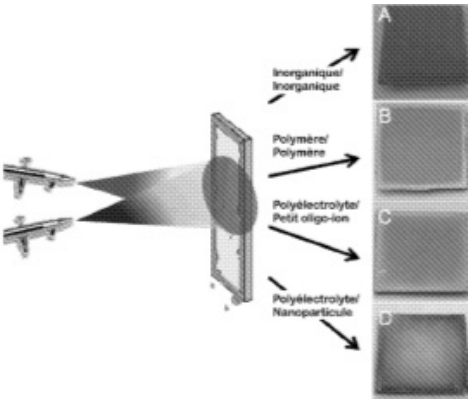
TECHNOLOGY

- Production of organic, semi-organic, mineral, inorganic or hybrid thin layers
- Simultaneous or alternate spraying of solutions
- Allows the production of LbL material



APPLICATIONS

- Magnetic coatings
- Optics (anti-reflective surfaces)
- Microelectronics (isolating material)
- Energy production (photovoltaic cells)

INNOVATION ADVANTAGES

- Simple, inexpensive and easy to process
- Allows homogeneous layers

DEVELOPMENT STATUS

- PoC on layers produced from inorganic materials, interpenetrated polymers, polyelectrolytes/nanoparticles

Partnership :
Seeking partners to licence the technology or to participate in a co-conception programme

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