

Current patent analysis on Korean major government funded research institutes and universities in the sector of hydrogen production and fuel cell technologies

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Patents are a crucial factor as decision makers build R&D strategy across a portfolio of government-funded research institutes (GFRI) and big/medium/small-sized companies. The mission of the R&D Strategy is to enable business leadership in the current and future technology market. GFRI and research oriented universities have been focusing on producing continuous research outputs sponsored through government and private R&D projects. Therefore, decision makers and government managers focus on the productivity of GFRI towards reaching world-class level outcomes from quantitative and qualitative aspects. This paper analyzes the relative quantitative registered patents of GFRI and research oriented universities in hydrogen production and fuel cell technologies from 2008 to 2013. This research results will be used as a one input for decision makers as building more effective KIER's future R&D strategy and investment policies.