

C-PIInvestigation on the technology trend by the intellectual property in *Schizandra chinensis*

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Abstract

The *Schizandra chinensis* (Korean name : omija) is a fruit native to northeast Asia that is cultivated in South Korea and China. Using 1,938 valid patents of 6 group countries, we analyzed the patent trend based on year, countries, applicants, and technology. The technologies are categorized the 10 sub-technologies such as medicine, quasi-drugs, food, feed, cosmetics, cultivation, genome, manufacture, preprocessing, and etc. The technology level and competitiveness are analyzed using patent index such as cites per patent, patent impact index, patent family size and technology strength. In Korea, patent number rapidly increasing and individual technical level is lower than other countries. However, overall technical competitiveness is estimated high due to multiple patents. We suggest that cosmetics and cultivation fields are most likely to be developed in future omiza technology development in Korea. Our study will provides to the information of technical trend to support performing of new projects for omija plant.

Keywords: omija, patent index, patent trend, *Schisandra chinensis*