

Supplementary Materials

Table S1. The detailed list of the selected granted patents related to extraction methods applied to natural *Lamiaceae*-derived compounds.

Patent	Jurisdiction *	Title	Publication date	Ref.
US11622987B2	US	Aqueous extraction process of plants, method thereof, and product by process	April 11, 2023	[1]
KR102512785B1	KR	Method for extracting the active ingredients of herbs by eco-friendly mechanochemical assisted extraction technique	March 23, 2023	[2]
EP3280276B1	EP	Eutectic extraction solvent and extraction methods by eutectigenesis using this solvent	June 3, 2020	[3]
KR102109980B1	KR	Compositions for sound sleep comprising the extraction of lettuce tuckahoe and rosemary and its manufacturing methods	May 12, 2020	[4]
US9327006B2	US	Extraction of B-vitamins from plant matter	May 3, 2016	[5]
US9173914B2	US	Extraction technology of Xiao-yao-drink	November 3, 2015	[6]
CN103027942B	CN	Superfine grinding low-temperature extraction method for <i>Clinopodium polycephalum</i>	July 15, 2015	[7]
CN103027941B	CN	Acid-base low-temperature extraction method for <i>Clinopodium polycephalum</i>	March 25, 2015	[8]
CN102212423B	CN	Carbon dioxide supercritical extraction method for extracting <i>Ziziphora bungeana</i> Juz.oil by using alcohol as entrainer	March 6, 2013	[9]
CN101380356B	CN	Tibetan medicine Duiyiwei total flavone extract and extraction method and use thereof	December 19, 2012	[10]
CN101669988B	CN	Extraction process of <i>Clerodendranthus spicatus</i>	June 27, 2012	[11]
CN101084991B	CN	Tibetan medicine tangut dragonhead extraction and its application in preparing antivirus medicine	May 23, 2012	[12]
CN101524402B	CN	Method for extracting volatile oil from <i>Ziziphora clinopodioides</i> Lam herb by CO ₂ supercritical extraction technique	September 28, 2011	[13]
CN1887309B	CN	Extraction of effective red sage components for preventing and treating osteoporosis and depression	June 22, 2011	[14]
CN1751706B	CN	Method for extraction of red-rooted <i>Salvia</i>	March 23, 2011	[15]
CN100502901C	CN	Extraction method for effective parts of <i>Salvia</i>	June 24, 2009	[16]
CN100478003C	CN	<i>Rabdosia</i> extraction method	April 15, 2009	[17]
CA2353933C	CA	Method for simultaneous extraction of essential oils and antioxidants from <i>Lamiaceae</i> species and the extract products thereof	February 12, 2008	[18]
CA2169791C	CA	Process for the extraction of antioxidants from vegetable matter	June 6, 2006	[19]
KR100378904B1	KR	Extraction of growth hormone releasing factor from natural medicinal plants and water-soluble <i>Phlomis radix</i> extract	August 21, 2003	[20]

* US: United States, EP: Europe, CN: China, CA: Canada, KR: Republic of Korea.

References

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2. Choi, Y. Method for Extracting the Active Ingredients of Herbs by Eco-Friendly Mechanochemical Assisted Extraction Technique. Granted Patent: KR102512785B1, 23 March 2023.
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4. Sohn, H.Y.; Cho, B.T.; Park, J.Y. Compositions for Sound Sleep Comprising the Extraction of Lettuce Tuckahoe and Rosemary and Its Manufacturing Methods. Granted Patent: KR102109980B1, 12 May 2020.
5. Rajendran, R.; Rajendran, K. Extraction of B-vitamins from plant matter. Granted Patent: US9327006B2, 3 May 2016.
6. Chuu, J.-J.; Kao, M.-W. Extraction technology of Xiao-yao-drink. Granted Patent: US9173914B2, 3 November 2015.
7. Jiang, Y. Superfine grinding low-temperature extraction method for *Clinopodium polycephalum*. Granted Patent: CN103027942B, 15 July 2015.
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9. Li, X. Carbon dioxide supercritical extraction method for extracting *Ziziphora bungeana* Juz. oil by using alcohol as entrainer. Granted Patent: CN102212423B, 6 March 2013.
10. Zhou, G.; Wang, S.; Qiu, N.; Yang, R. Tibetan medicine Duiyiwei total flavone extract and extraction method and use thereof. Granted Patent: CN101380356B, 19 December 2012.
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17. Hai, Z. *Rabdosia* extraction method. Granted Patent: CN100478003C, 15 April 2009.
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19. Aeschbach, R.; Rossi, P. Process for the Extraction of Antioxidants From Vegetable Matter. Granted Patent: CA2169791C, 6 June 2006.
20. Kwon, S.C. Extraction of Growth Hormone Releasing Factor From Natural Medicinal Plants and Water-Soluble *Phlomis radix* Extract. Granted Patent: KR100378904B1, 21 August 2003.