

## International transmission of medium-term technology cycles: Evidence from Spain as a recipient country\*

Mónica Correa-López<sup>a</sup> and Beatriz de Blas<sup>b</sup>.

November 2011

### Abstract

This paper documents stylized facts of international medium-term business cycles by exploring the pattern of comovement between a catching-up economy, Spain, and each of the obvious candidate countries to technological leadership of the 1950-2007 period, the U.S., France, Germany, Italy and the U.K. A remarkable feature of the international medium-term business cycle is the strong, positive lead displayed by the U.S. technology and terms of trade cycles over Spain's macroeconomic aggregates. The corresponding evidence when the counterpart to Spain is a large European economy is weaker, particularly in the case of Europe's medium-term technology cycles. Non-parametric tests results suggest that, over the medium-term cycle, a shift towards more economic integration may not necessarily be associated with increased international comovement.

Keywords: Medium-term business cycles; Stylized facts; International comovement; Technology diffusion.

JEL: E32; F41; F44; O3

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\* We would like to thank Máximo Camacho, James Costain, George Chouliarakis, Ana María Santacreu and seminar participants at BBVA, IDEA20years Conference (Universitat Autònoma de Barcelona), the XIVth Applied Economics Meetings, Huelva, June 2011, and the XIIth Conference on International Economics, Castellón, June 2011, for comments and suggestions. The authors are very grateful to Patricio Sáiz, Gerardo Penas, Esther Arias - senior technician at Spain's Patent and Trademark Office - and technicians at the European Patent Office for invaluable information and guidance regarding the postwar patents systems, data availability and relevant definitions. Beatriz de Blas acknowledges financial support from ECO2008-04073 project of the Spanish MEC. The usual disclaimer applies.

a: Economic Research Department, BBVA Research, P/Castellana 81, 28046 Madrid, Spain, and Department of Economics, School of Social Sciences, The University of Manchester, Oxford Road, Manchester M13 9PL, U.K.

b: Dpto. A.E.: Teoría e Historia Económica, Universidad Autónoma de Madrid, 28049 Madrid, Spain.