Figure 4.3. Patenting and Research and Development at the Frontier

1. Patenting
   (International patent families by publication year)

2. Gross Domestic Expenditure on R&D
   ( Millions of constant US dollars, PPP)

Sources: European Patent Office, PATSTAT database; Organisation for Economic Co-operation and Development; and IMF staff calculations.
Note: EU G–3 = France, Germany, and the United Kingdom; PPP = purchasing power parity.